

Converting Colors

HunterLab(69.4048, -28.7805,
-24.6211)

Have a look what the booklet for
HunterLab(69.4048, -28.7805,
-24.6211) contains.

HunterLab(69.4545, -28.7263, -24.8002)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(69.4545,
-28.7263, -24.8002)**

Conversions

Conversions Part 1

Format	Color
Hex	00CAEB
RGB	0, 202, 235
RGB Percent	0%, 79%, 92%
CMY	0.9997, 0.2078, 0.0784
CMYK	1.00, 0.14, 0.00, 0.08
HSL	188°, 100%, 46%
HSV	188°, 100%, 92%
XYZ	36.1160, 48.2393, 86.0050
YIQ	145.3640, -130.9850, -32.5610

Conversions

Conversions Part 2

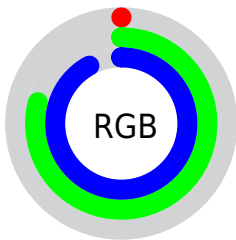
Format	Color
R _{YB}	0, 109, 235
Decimal	51947
CIE Lab	74.98, -29.98, -28.02
CIE LCh	75, 41.040, 223.063
Yxy	48.2410, 0.2120, 0.2832
Android (android.graphics.Color)	4278242027 (0xFF00CAEB)
YUV	145.3640, 44.1905, -127.4842
Hunter-Lab	69.4545, -28.7263, -24.8002

Details

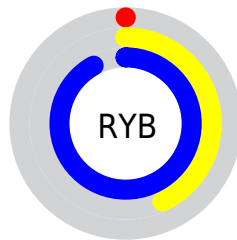
The HunterLab color **69.4545, -28.7263, -24.8002** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed cyan. A complement of this color would be **43.3056, 67.6866, 27.8672**, and the grayscale version is **53.2322, -2.8403, 2.8922**.

A 20% lighter version of the original color is **90.6198, -39.6786, -6.7543**, and **49.4312, -18.8815, -21.0249** is the 20% darker color. If you saturate the color by 10%, you get **69.4524, -28.7232, -24.8043**, and if you desaturate by 10%, it is **70.7072, -29.6598, -22.8567**.

Distribution



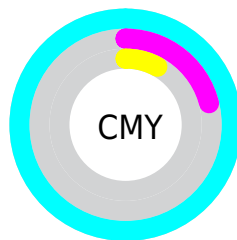
- Red (0%)
- Green (79%)
- Blue (92%)



- Red (0%)
- Yellow (43%)
- Blue (92%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (8%)



- Cyan (100%)
- Magenta (21%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 69.4545, -28.7263, -24.8002 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 69.4545, -28.7263, -24.8002 by changing the saturation by 10% instead.

69.4545, -28.7263,
-24.8002

69.4545, -28.7263,
-24.8002

194.8709,
-47.0857, -26.4212

58.3248, -26.4888,
-24.3519

93.5752, -33.0198,
-25.5245

47.8615, -24.1680,
-23.8520

106.5039,
-35.1007, -25.8037

38.1117, -21.7365,
-23.3091

119.9786,
-37.1490, -26.0291

29.1320, -19.1541,
-22.7474

133.9781,
-39.1711, -26.2029

20.9951, -16.3568,
-22.2276

148.4834,
-41.1721, -26.3270

13.7996, -13.2329,
-21.9153

163.4773,

7.4226, -12.9895,

-43.1560, -26.4035

-23.5567

178.9445,
-45.1263, -26.4343

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 69.4545, -28.7263,
-24.8002

■ 69.4545, -28.7263,
-24.8002

■ 69.4524, -28.7232,
-24.8043

■ 70.7072, -29.6598,
-22.8567

■ 72.1187, -29.9904,
-20.7028

■ 73.7299, -29.5676,
-18.2906

■ 75.5560, -28.3416,
-15.6163

■ 77.6050, -26.2986,

-12.6895

■ 79.8792, -23.4513,
-9.5286

■ 82.3771, -19.8323,
-6.1570

■ 85.0940, -15.4880,
-2.6006

■ 88.0231, -10.4732,
1.1144

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.4557, -36.2004, -4.6538



69.4545, -28.7263, -24.8002



69.4557, -14.1625, -39.0173

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.4557, -28.7260, -24.7991



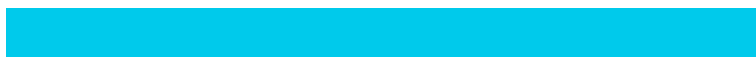
69.4557, 35.3446, -7.2736



69.4557, -11.8757, 30.0689

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



69.4545, -28.7263, -24.8002



43.3056, 67.6866, 27.8672

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.4557, 7.4003, 29.7249



69.4545, -28.7263, -24.8002



69.4557, 36.1294, 11.2743

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.4557, -28.7260, -24.7991



69.4557, 23.4004, -27.1611



69.4557, 25.4402, 23.7742



69.4557, -27.2094, 24.8919

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.4545, -28.7263, -24.8002



69.4557, -1.7217, -41.3454



69.4557, 25.4402, 23.7742



69.4557, -5.6756, 30.5426

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



69.4557, -28.7260, -24.7991



90.3323, -21.8287, -6.8161



77.1485, -65.6861, 45.3715



41.2419, -10.9207, -3.8897

0.0000, NaN, NaN



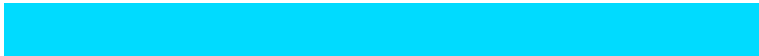
46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.4557, -28.7260, -24.7991



76.1438, -31.4423, -27.2981



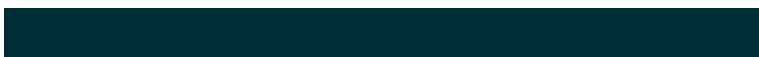
35.6195, 29.5773, -108.3635



40.9147, -4.7337, 0.6063



51.9499, -21.6065, -18.2905



14.8941, -6.4886, -4.6093

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



46.8276, 89.2923, -40.3320



51.3655, 97.9405, -44.1375



62.5400, 18.9551, 38.8669



39.0836, 2.9357, -0.7705



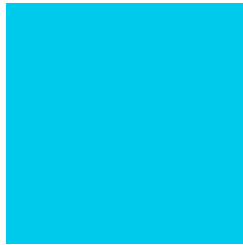
34.9532, 66.6886, -30.3608



9.8456, 18.8666, -9.1861

Previews

White Background



This preview shows how the HunterLab color 69.4545, -28.7263, -24.8002 looks on a white background.

Color Contrast Check

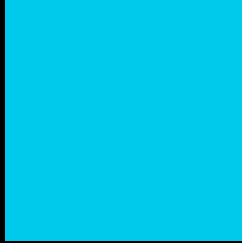
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 69.4545, -28.7263, -24.8002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

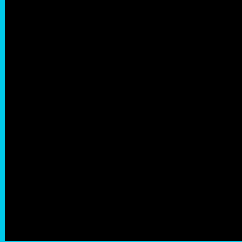
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 69.4545, -28.7263, -24.8002 Background



This preview shows how black text looks on a background with the HunterLab color 69.4545, -28.7263, -24.8002.



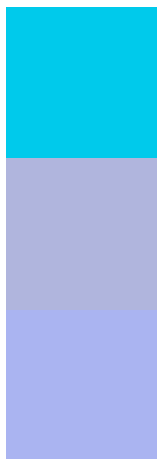
This preview shows how white text looks on a background with the HunterLab color 69.4545, -28.7263, -24.8002.

-28.7263, -24.8002.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

69.4545, -28.7263, -24.8002

Protanopia

68.8347, 2.0774, -16.4693

Deuteranopia

68.9056, 5.3834, -28.3805



Tritanopia

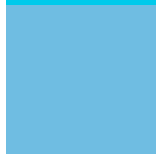
69.5363, -33.0984, -15.4644

Trichromacy



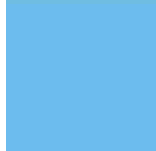
Original Color

69.4545, -28.7263, -24.8002



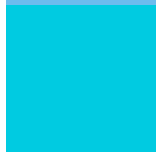
Protanomaly

67.2798, -15.6467, -22.2234



Deuteranomaly

67.3258, -12.8287, -29.9730



Tritanomaly

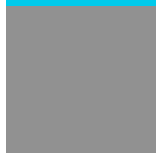
69.3888, -31.5319, -18.6617

Monochromacy



Original Color

69.4545, -28.7263, -24.8002



Achromatopsia

53.2117, -2.8392, 2.8911



Achromatomaly

57.2382, -18.8172, -8.6889

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 69.4545, -28.7263, -24.8002 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(0, 202, 235)` looks like.

```
.text, #text, p{  
    color:rgb(0, 202, 235)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(0, 202, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 202, 235) }
```

Border

The CSS property to change the border of an element to HunterLab 69.4545, -28.7263, -24.8002 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(0, 202, 235) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(0, 202, 235) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(0, 202, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 202, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 202, 235);  
box-shadow:4px 4px 4px 4px rgb(0, 202,  
235) }
```

Background

The CSS property to change the background color of an element to HunterLab 69.4545, -28.7263, -24.8002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 202, 235) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(0, 202,  
235) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor