

Converting Colors

HunterLab(66.0512, -24.6598,
-6.2019)

Have a look what the booklet for
HunterLab(66.0512, -24.6598,
-6.2019) contains.

HunterLab(65.9366, -24.6474, -6.2270)	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(65.9366,
-24.6474, -6.2270)**

Conversions

Conversions Part 1

Format	Color
Hex	64BEC3
RGB	100, 190, 195
RGB Percent	39%, 75%, 76%
CMY	0.6078, 0.2549, 0.2353
CMYK	0.49, 0.03, 0.00, 0.24
HSL	183°, 44%, 58%
HSV	183°, 49%, 76%
XYZ	33.5193, 43.4764, 58.2549
YIQ	163.6600, -55.2450, -17.5250

Conversions

Conversions Part 2

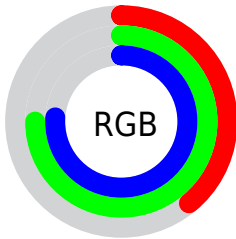
Format	Color
R _{YB}	100, 146, 195
Decimal	6602435
CIE _{Lab}	71.88, -25.53, -10.85
CIE _{LCh}	72, 27.736, 203.029
Y _{xy}	43.4780, 0.2478, 0.3215
Android (android.graphics.Color)	4284792515 (0xFF64BEC3)
YUV	163.6600, 15.4506, -55.8298
Hunter-Lab	65.9366, -24.6474, -6.2270

Details

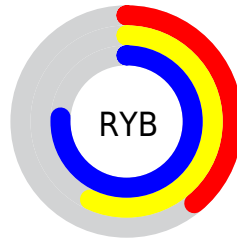
The HunterLab color **65.9366, -24.6474, -6.2270** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **47.5669, 28.8044, 14.7854**, and the grayscale version is **60.7459, -3.2412, 3.3004**.

A 20% lighter version of the original color is **89.8431, -28.6081, -5.9163**, and **44.6581, -20.5496, -6.2973** is the 20% darker color. If you saturate the color by 10%, you get **64.8483, -27.0698, -7.7198**, and if you desaturate by 10%, it is **67.2103, -21.5699, -4.5092**.

Distribution



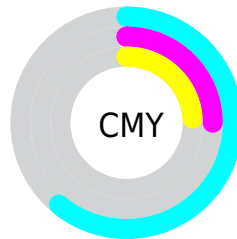
- Red (39%)
- Green (75%)
- Blue (76%)



- Red (39%)
- Yellow (57%)
- Blue (76%)



- Cyan (49%)
- Magenta (3%)
- Yellow (0%)
- Black (24%)



- Cyan (61%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.9366, -24.6474, -6.2270 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 65.9366, -24.6474, -6.2270 by changing the saturation by 10% instead.

65.9366, -24.6474,
-6.2270

65.9366, -24.6474,
-6.2270

189.8879,
-41.2589, -3.1400

55.0094, -22.6504,
-6.3287

89.6837, -28.4973,
-5.8528

44.7619, -20.5835,
-6.3686

102.4385,
-30.3707, -5.5907

35.2441, -18.4225,
-6.3391

115.7465,
-32.2199, -5.2827

26.5167, -16.1299,
-6.2326

129.5855,
-34.0502, -4.9316

18.6594, -13.6442,
-6.0408

143.9360,
-35.8661, -4.5398

11.7818, -11.1226,
-5.7595

158.7802,

4.5599, -7.9799,

-37.6711, -4.1094

-9.6166

174.1023,
-39.4678, -3.6423

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.9366, -24.6474,
-6.2270

■ 65.9366, -24.6474,
-6.2270

■ 64.8483, -27.0698,
-7.7198

■ 67.2103, -21.5699,
-4.5092

■ 63.9359, -28.8357,
-8.9866

■ 68.6681, -17.8532,
-2.5789

■ 63.1909, -29.9663,
-10.0299

■ 70.3110, -13.5279,
-0.4491

■ 62.5989, -30.5072,
-10.8624


■ 72.1367, -8.6343,
1.8634


■ 62.1299, -30.5691,

■ 74.1408, -3.2190,


-11.5215


4.3403

 62.0726, -30.5659,
-11.6023

 76.3180, 2.6682,
6.9627

 78.6614, 8.9767,
9.7122

 81.0462, 15.2759,
12.4370

 81.3364, 14.7245,
12.7410

Harmonies

Analogous

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



65.9379, -26.1843, 6.3639



65.9366, -24.6474, -6.2270



65.9379, -17.6598, -17.9519

Triad

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



65.9379, -24.6478, -6.2260



65.9379, 17.2823, -12.0746



65.9379, -0.5125, 22.8322

Complementary

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



65.9366, -24.6474, -6.2270



47.5669, 28.8044, 14.7854

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.



65.9379, 11.9179, 19.6673



65.9366, -24.6474, -6.2270



65.9379, 22.6864, 0.6883

Square

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



65.9379, -24.6478, -6.2260



65.9379, 6.3693, -21.7526



65.9379, 20.6523, 12.0947



65.9379, -12.8622, 21.6821

Rectangle

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



65.9366, -24.6474, -6.2270



65.9379, -10.5427, -22.9126



65.9379, 20.6523, 12.0947



65.9379, 3.8057, 22.2616

Sweetspot

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



65.9379, -24.6478, -6.2260



94.9193, -15.9060, 0.4504



65.3875, -39.8789, 27.5350



44.1793, -8.0833, -0.0945

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.9379, -24.6478, -6.2260



86.7607, -36.2780, -10.3650



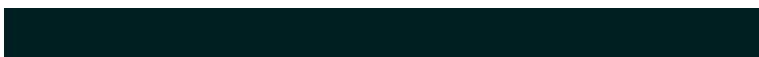
51.2060, -2.8395, -28.2783



33.6670, -4.1925, 0.7987



50.0815, -24.6900, -9.2990



10.5449, -5.2963, -1.7471

Inverse Universe

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



49.4321, 44.7840, -27.1885



61.3765, 72.6364, -44.1620



59.2124, 5.1314, 24.5027



31.9970, 2.4342, -0.9217



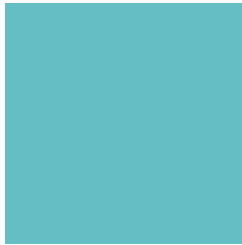
31.3277, 60.9065, -36.0109



6.5337, 12.7363, -7.7705

Previews

White Background



This preview shows how the HunterLab color 65.9366, -24.6474, -6.2270 looks on a white background.

Color Contrast Check

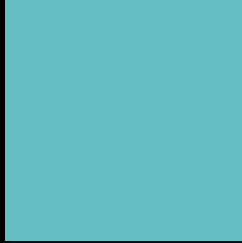
Large Text (above 18pt) WCAG AA × Fail

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 65.9366, -24.6474, -6.2270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

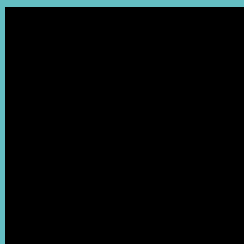
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

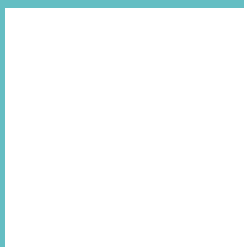
Any Text WCAG AAA ✓ Pass

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

HunterLab 65.9366, -24.6474, -6.2270 Background



This preview shows how black text looks on a background with the HunterLab color 65.9366, -24.6474, -6.2270.



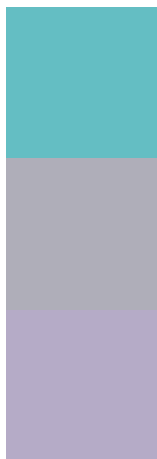
This preview shows how white text looks on a background with the HunterLab color 65.9366,

-24.6474, -6.2270.

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

65.9366, -24.6474, -6.2270

Protanopia

65.4896, -1.2965, -1.2222

Deuteranopia

65.6301, 4.6216, -8.2912



Tritanopia

66.0594, -21.8670, -10.9501

Trichromacy



Original Color

65.9366, -24.6474, -6.2270

Protanomaly

65.2783, -11.0955, -3.6977

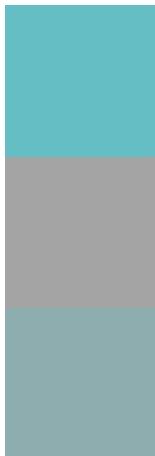
Deuteranomaly

65.2636, -7.3735, -8.4499

Tritanomaly

65.9068, -22.6572, -9.4958

Monochromacy



Original Color

65.9366, -24.6474, -6.2270

Achromatopsia

60.9293, -3.2510, 3.3104

Achromatomaly

62.1651, -12.1210, -0.5880

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.9366, -24.6474, -6.2270 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(100, 190, 195)` looks like.

```
.text, #text, p{  
    color:rgb(100, 190, 195)  
}
```

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(100, 190, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 190, 195) }
```

Border

The CSS property to change the border of an element to HunterLab 65.9366, -24.6474, -6.2270 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(100, 190, 195) }
```


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

```
.border{ border-color:rgb(100, 190, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 190, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 190, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 190, 195);  
box-shadow:4px 4px 4px 4px rgb(100, 190,  
195) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.9366, -24.6474, -6.2270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 190, 195) }
```

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

```
.background{ background-color: rgb(100,  
190, 195) }
```

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