

Converting Colors

HunterLab(74.4650, -24.5638,
-29.8730)

Have a look what the booklet for
HunterLab(74.4650, -24.5638,
-29.8730) contains.

HunterLab(74.5966, -24.7983, -29.6630)	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(74.5966,
-24.7983, -29.6630)**

Conversions

Conversions Part 1

Format	Color
Hex	47D4FF
RGB	71, 212, 255
RGB Percent	28%, 83%, 100%
CMY	0.7215, 0.1686, 0.0000
CMYK	0.72, 0.17, 0.00, 0.00
HSL	194°, 100%, 64%
HSV	194°, 72%, 100%
XYZ	44.1920, 55.6465, 103.0193
YIQ	174.7430, -97.8390, -16.5190

Conversions

Conversions Part 2

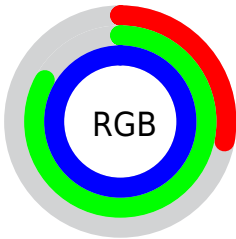
Format	Color
R _Y B	71, 151, 255
Decimal	4707583
CIE Lab	79.41, -23.91, -31.84
CIE LCh	79, 39.815, 233.096
Yxy	55.6484, 0.2179, 0.2743
Android (android.graphics.Color)	4282897663 (0xFF47D4FF)
YUV	174.7430, 39.5667, -90.9826
Hunter-Lab	74.5966, -24.7983, -29.6630

Details

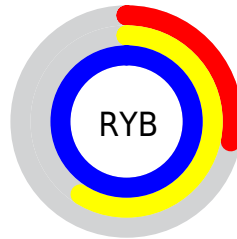
The HunterLab color **74.5966, -24.7983, -29.6630** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **58.0965, 47.0272, 30.5361**, and the grayscale version is **65.2399, -3.4810, 3.5446**.

A 20% lighter version of the original color is **91.8710, -34.8822, -5.0564**, and **53.0953, -18.1151, -27.2594** is the 20% darker color. If you saturate the color by 10%, you get **72.0785, -24.0162, -33.8279**, and if you desaturate by 10%, it is **77.3679, -24.6741, -25.2598**.

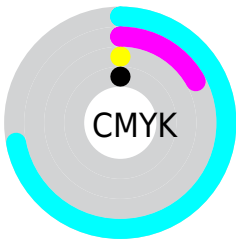
Distribution



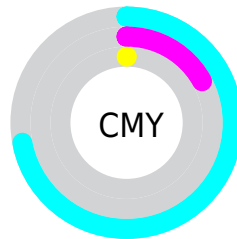
- Red (28%)
- Green (83%)
- Blue (100%)



- Red (28%)
- Yellow (59%)
- Blue (100%)



- Cyan (72%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (72%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.5966, -24.7983, -29.6630 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 74.5966, -24.7983, -29.6630 by changing the saturation by 10% instead.

74.5966, -24.7983,
-29.6630

74.5966, -24.7983,
-29.6630

202.0805,
-40.6511, -31.9889

63.1832, -22.9315,
-29.1476

99.2423, -28.4283,
-30.5329

52.4186, -21.0149,
-28.5888

112.4161,
-30.2071, -30.8894

42.3460, -19.0317,
-27.9972

126.1261,
-31.9692, -31.1938

33.0167, -16.9569,
-27.4011

140.3522,
-33.7189, -31.4476

24.4956, -14.7519,
-26.8640

155.0763,
-35.4594, -31.6523

16.8680, -12.3518,
-26.5428

170.2820,

10.2543, -10.8626,

-37.1935, -31.8097

-26.8974

185.9546,
-38.9234, -31.9213

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 74.5966, -24.7983,
-29.6630

■ 74.5966, -24.7983,
-29.6630

■ 72.0785, -24.0162,
-33.8279

■ 77.3679, -24.6741,
-25.2598

■ 69.7972, -22.3739,
-37.7486

■ 80.3913, -23.6426,
-20.6521

■ 68.1417, -20.6054,
-40.6902

■ 83.6647, -21.7338,
-15.8716

■ 87.1806, -18.9972,
-10.9534

■ 90.9288, -15.4938,

-5.9302

■ 94.8977, -11.2900,
-0.8310

■ 99.0751, -6.4530,
4.3201

■ 100.0000, -5.3358,
5.4332

Harmonies

Analogous

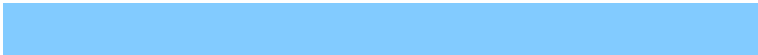
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.5979, -34.8745, -10.9995



74.5966, -24.7983, -29.6630



74.5979, -8.3517, -39.6615

Triad

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



74.5979, -24.7984, -29.6610



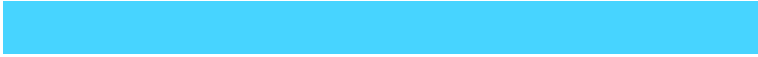
74.5979, 36.1266, -0.2662



74.5979, -17.8628, 29.5955

Complementary

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



74.5966, -24.7983, -29.6630



58.0965, 47.0272, 30.5361

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.



74.5979, 0.4858, 31.1012



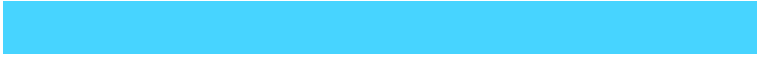
74.5966, -24.7983, -29.6630



74.5979, 32.9278, 16.5160

Square

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



74.5979, -24.7984, -29.6610



74.5979, 27.7431, -20.1355



74.5979, 19.3959, 26.9592



74.5979, -31.1608, 22.1536

Rectangle

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



74.5966, -24.7983, -29.6630



74.5979, 4.5284, -38.6562



74.5979, 19.3959, 26.9592



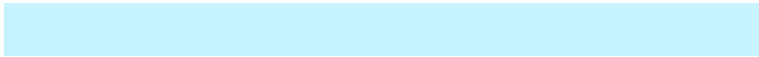
74.5979, -12.1317, 30.7204

Sweetspot

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



74.5979, -24.7984, -29.6610



90.9874, -15.4351, -5.8534



86.0661, -64.7660, 40.9445



41.6139, -7.6152, -3.3424

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



74.5979, -24.7984, -29.6610



70.9441, -23.3222, -35.7593



46.9163, 22.0493, -90.2639



44.4065, -4.6581, 0.2445



49.4995, -15.2371, -28.9776



15.9736, -5.4879, -8.1188

Inverse Universe

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



55.2465, 82.2438, -31.3657



51.6481, 91.3572, -31.5458



81.1340, -0.2260, 45.6326



42.6890, 3.0702, -0.3661



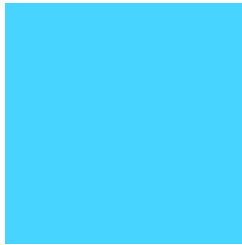
36.3338, 67.9821, -21.1674



11.4111, 21.4741, -7.6052

Previews

White Background



This preview shows how the HunterLab color 74.5966, -24.7983, -29.6630 looks on a white background.

Color Contrast Check

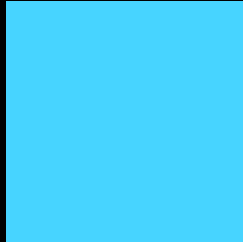
Large Text (above 18pt) WCAG AA × Fail

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 74.5966, -24.7983, -29.6630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

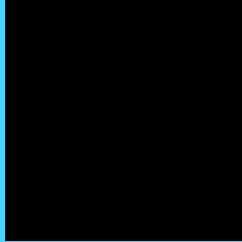
Any Text WCAG AA ✓ Pass

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 74.5966, -24.7983, -29.6630 Background



This preview shows how black text looks on a background with the HunterLab color 74.5966, -24.7983, -29.6630.



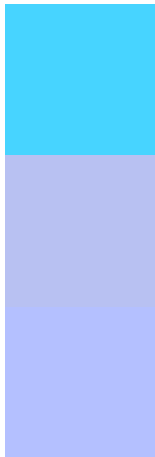
This preview shows how white text looks on a background with the HunterLab color 74.5966,

-24.7983, -29.6630.

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

74.5966, -24.7983, -29.6630

Protanopia

73.9872, 2.8864, -21.6762

Deuteranopia

73.9071, 5.2421, -30.2636



Tritanopia

74.7042, -33.1497, -15.7321

Trichromacy



Original Color

74.5966, -24.7983, -29.6630



Protanomaly

73.3918, -9.8185, -26.0360



Deuteranomaly

73.2409, -8.0471, -31.5971



Tritanomaly

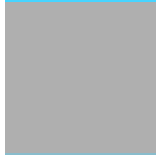
74.7956, -30.4156, -20.4110

Monochromacy



Original Color

74.5966, -24.7983, -29.6630



Achromatopsia

65.4745, -3.4936, 3.5574



Achromatomaly

67.5607, -14.6651, -8.7595

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 74.5966, -24.7983, -29.6630 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(71, 212, 255)` looks like.

```
.text, #text, p{  
    color:rgb(71, 212, 255)  
}
```

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(71, 212, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 212, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 74.5966, -24.7983, -29.6630 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(71, 212, 255) }
```


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

```
.border{ border-color:rgb(71, 212, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 212, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 212, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 212, 255);  
box-shadow:4px 4px 4px 4px rgb(71, 212,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 74.5966, -24.7983, -29.6630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 212, 255) }
```

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

```
.background{ background-color: rgb(71, 212,  
255) }
```

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