

Converting Colors

HunterLab(48.9274, -5.4073,
-47.6006)

Have a look what the booklet for
HunterLab(48.9274, -5.4073,
-47.6006) contains.

HunterLab(48.8077, -5.1264, -48.1121)	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(48.8077, -5.1264,
-48.1121)**

Conversions

Conversions Part 1

Format	Color
Hex	158CD7
RGB	21, 140, 215
RGB Percent	8%, 55%, 84%
CMY	0.9175, 0.4510, 0.1569
CMYK	0.90, 0.35, 0.00, 0.16
HSL	203°, 82%, 46%
HSV	203°, 90%, 84%
XYZ	21.9531, 23.8219, 67.7311
YIQ	112.9690, -94.9990, -1.9030

Conversions

Conversions Part 2

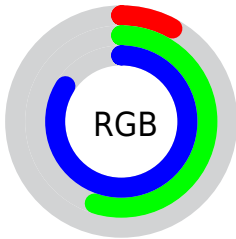
Format	Color
RYP	21, 95, 215
Decimal	1412311
CIELab	55.91, -3.17, -46.75
CIELCh	56, 46.854, 266.115
Yxy	23.8227, 0.1934, 0.2099
Android (android.graphics.Color)	4279602391 (0xFF158CD7)
YUV	112.9690, 50.3013, -80.6568
Hunter-Lab	48.8077, -5.1264, -48.1121

Details

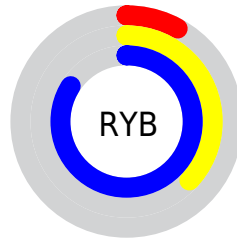
The HunterLab color **48.8077, -5.1264, -48.1121** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **47.8253, 37.0311, 29.2367**, and the grayscale version is **40.4676, -2.1592, 2.1987**.

A 20% lighter version of the original color is **69.5874, -11.3142, -37.9265**, and **31.3853, 1.9569, -43.4533** is the 20% darker color. If you saturate the color by 10%, you get **46.2317, -1.7570, -53.9927**, and if you desaturate by 10%, it is **51.6608, -7.8894, -42.0898**.

Distribution



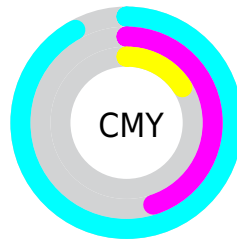
- Red (8%)
- Green (55%)
- Blue (84%)



- Red (8%)
- Yellow (37%)
- Blue (84%)



- Cyan (90%)
- Magenta (35%)
- Yellow (0%)
- Black (16%)



- Cyan (92%)
- Magenta (45%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.8077, -5.1264, -48.1121 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 48.8077, -5.1264, -48.1121 by changing the saturation by 10% instead.

■ 48.8077, -5.1264,
-48.1121

■ 48.8077, -5.1264,
-48.1121

164.9008,
-12.6085, -53.9593

■ 38.9899, -4.4156,
-47.5446

■ 70.5271, -6.6208,
-49.5097

■ 29.9355, -3.7304,
-47.2221

■ 82.3450, -7.4056,
-50.2358

■ 21.7163, -3.0686,
-47.4252

■ 94.7579, -8.2147,
-50.9459

■ 14.4278, -2.4269,
-48.8430

■ 107.7385, -9.0477,
-51.6272

■ 8.0886, -2.1424,
-54.5786

■ 121.2631, -9.9041,
-52.2726

0.0000, NaN, -NF

0.0000, NaN, -NF

135.3105,

-10.7833, -52.8777

0.0000, NaN, -NF

149.8621,
-11.6849, -53.4403

0.0000, NaN, NaN

■ 48.8077, -5.1264,
-48.1121

■ 48.8077, -5.1264,
-48.1121

■ 46.2317, -1.7570,
-53.9927

■ 51.6608, -7.8894,
-42.0898

■ 54.7590, -9.8486,
-36.0405

■ 58.0959, -11.0140,
-30.0063

■ 61.6592, -11.4290,
-24.0263

■ 65.4335, -11.1538,
-18.1298

■ 69.4033, -10.2545,
-12.3359

■ 73.5530, -8.7976,
-6.6547

■ 77.8681, -6.8455,
-1.0897

■ 82.3354, -4.4553,
4.3609

Harmonies

Analogous

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



48.8085, -21.8289, -37.2753



48.8077, -5.1264, -48.1121



48.8085, 15.0468, -41.5350

Triad

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



48.8085, -5.1256, -48.1110



48.8085, 35.8962, 15.9103



48.8085, -30.0330, 18.6718

Complementary

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



48.8077, -5.1264, -48.1121



47.8253, 37.0311, 29.2367

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.



48.8085, -18.0610, 25.0796



48.8077, -5.1264, -48.1121



48.8085, 20.1442, 23.9816

Square

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



48.8085, -5.1256, -48.1110



48.8085, 40.7942, 0.1736



48.8085, -0.0361, 26.5484



48.8085, -34.7069, 5.0160

Rectangle

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



48.8077, -5.1264, -48.1121



48.8085, 27.5142, -29.1610



48.8085, -0.0361, 26.5484



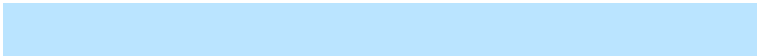
48.8085, -26.8306, 21.4996

Sweetspot

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



48.8085, -5.1256, -48.1110



85.6583, -11.9839, -12.9121



70.4232, -55.5809, 33.2290



38.8392, -5.7875, -7.0813

0.0000, NaN, NaN



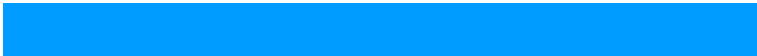
46.2646, -2.4686, 2.5136

Same Dimension

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



48.8085, -5.1256, -48.1110



55.7966, -1.6503, -66.1784



26.1576, 46.1013, -128.7984



36.4197, -3.1055, -0.3025



36.0486, -1.8500, -41.0641



9.7063, -1.8132, -8.2180

Inverse Universe

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



41.0830, 71.6027, -9.2387



48.6559, 88.2860, -7.0181



72.3629, -10.4730, 43.8238



35.4225, 2.2101, 0.4059



31.0752, 56.4854, -5.2540



7.7358, 14.2463, -2.7411

Previews

White Background



This preview shows how the HunterLab color 48.8077, -5.1264, -48.1121 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 48.8077, -5.1264, -48.1121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

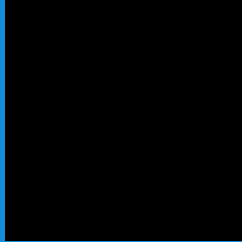
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

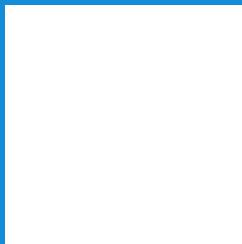
Any Text WCAG AAA × Fail

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

HunterLab 48.8077, -5.1264, -48.1121 Background



This preview shows how black text looks on a background with the HunterLab color 48.8077, -5.1264, -48.1121.



This preview shows how white text looks on a background with the HunterLab color 48.8077, -5.1264, -48.1121.

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

48.8077, -5.1264, -48.1121

Protanopia

48.7246, 7.0673, -41.6843

Deuteranopia

48.8403, 4.1777, -49.5226



Tritanopia

48.6652, -23.3673, -10.3839

Trichromacy



Original Color

48.8077, -5.1264, -48.1121

Protanomaly

48.1240, 1.0271, -45.4483

Deuteranomaly

48.5045, -0.0119, -49.5236

Tritanomaly

48.5357, -17.4065, -22.4949

Monochromacy



Original Color

48.8077, -5.1264, -48.1121

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

42.5128, -7.6533, -14.1789

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.8077, -5.1264, -48.1121 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(21, 140, 215)` looks like.

```
.text, #text, p{  
    color:rgb(21, 140, 215)  
}
```

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(21, 140, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 140, 215) }
```

Border

The CSS property to change the border of an element to HunterLab 48.8077, -5.1264, -48.1121 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(21, 140, 215) }
```


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

```
.border{ border-color:rgb(21, 140, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 140, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 140, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 140, 215);  
box-shadow:4px 4px 4px 4px rgb(21, 140,  
215) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.8077, -5.1264, -48.1121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 140, 215) }
```

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

```
.background{ background-color: rgb(21, 140,  
215) }
```

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