

Converting Colors

HunterLab(41.7393, 1.4074,
-55.2088)

Have a look what the booklet for
HunterLab(41.7393, 1.4074,
-55.2088) contains.

HunterLab(41.6131, 1.7182, -55.7218)	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(41.6131, 1.7182,
-55.7218)**

Conversions

Conversions Part 1

Format	Color
Hex	0076CC
RGB	0, 118, 204
RGB Percent	0%, 46%, 80%
CMY	0.9998, 0.5373, 0.2000
CMYK	1.00, 0.42, 0.00, 0.20
HSL	205°, 100%, 40%
HSV	205°, 100%, 80%
XYZ	17.3775, 17.3165, 59.5532
YIQ	92.5220, -97.9340, 1.7300

Conversions

Conversions Part 2

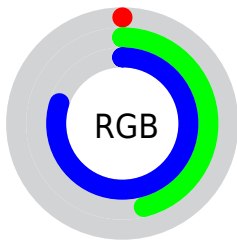
Format	Color
RYB	0, 75, 204
Decimal	30412
CIELab	48.66, 5.09, -52.08
CIELCh	49, 52.332, 275.585
Yxy	17.3170, 0.1844, 0.1837
Android (android.graphics.Color)	4278220492 (0xFF0076CC)
YUV	92.5220, 54.9587, -81.1418
Hunter-Lab	41.6131, 1.7182, -55.7218

Details

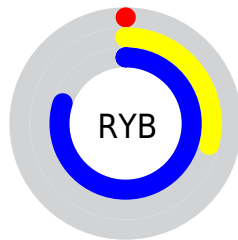
The HunterLab color **41.6131, 1.7182, -55.7218** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **44.1595, 36.8466, 27.8541**, and the grayscale version is **32.7420, -1.7470, 1.7789**.

A 20% lighter version of the original color is **62.1016, -1.0008, -52.0752**, and **25.8387, 7.8240, -49.1859** is the 20% darker color. If you saturate the color by 10%, you get **41.6078, 1.7278, -55.7359**, and if you desaturate by 10%, it is **44.2600, -1.8969, -49.2871**.

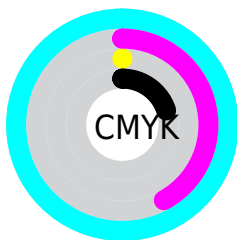
Distribution



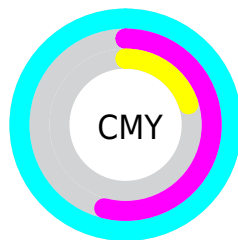
- Red (0%)
- Green (46%)
- Blue (80%)



- Red (0%)
- Yellow (29%)
- Blue (80%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (54%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.6131, 1.7182, -55.7218 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 41.6131, 1.7182, -55.7218 by changing the saturation by 10% instead.

■ 41.6131, 1.7182,
-55.7218

■ 41.6131, 1.7182,
-55.7218

153.9457, -2.1901,
-61.9712

■ 32.3431, 1.9088,
-55.5184

■ 62.3458, 1.1612,
-56.8952

■ 23.8862, 2.0269,
-55.9341

■ 73.7127, 0.8050,
-57.6334

■ 16.3305, 2.0593,
-57.6890

■ 85.6970, 0.4032,
-58.3989

■ 9.7999, 1.9832,
-62.8409

■ 98.2684, -0.0409,
-59.1641

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 111.4007, -0.5244,
-59.9125

0.0000, NaN, -NF

125.0710, -1.0451,

0.0000, NaN, NaN

-60.6336

0.0000, NaN, NaN

139.2587, -1.6009,
-61.3211

■ 41.6131, 1.7182,
-55.7218

■ 41.6131, 1.7182,
-55.7218

■ 41.6078, 1.7278,
-55.7359

■ 44.2600, -1.8969,
-49.2871

■ 47.1307, -4.8381,
-42.9083

■ 50.2470, -6.9973,
-36.5689

■ 53.5976, -8.3955,
-30.3147

■ 57.1670, -9.0836,
-24.1817

■ 60.9379, -9.1255,
-18.1923

■ 64.8937, -8.5893,
-12.3573

■ 69.0182, -7.5406,
-6.6783

■ 73.2970, -6.0399,
-1.1507

Harmonies

Analogous

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



41.6137, -17.4189, -49.0095



41.6131, 1.7182, -55.7218



41.6137, 23.5418, -41.7443

Triad

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



41.6137, 1.7192, -55.7208



41.6137, 35.3123, 18.8145



41.6137, -32.5984, 15.0652

Complementary

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



41.6131, 1.7182, -55.7218



44.1595, 36.8466, 27.8541

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.



41.6137, -22.9294, 22.7818



41.6131, 1.7182, -55.7218



41.6137, 15.5255, 24.0876

Square

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



41.6137, 1.7192, -55.7208



41.6137, 45.2182, 5.7816



41.6137, -6.0230, 25.0666



41.6137, -34.8688, -1.5877

Rectangle

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



41.6131, 1.7182, -55.7218



41.6137, 35.9325, -25.2927



41.6137, -6.0230, 25.0666



41.6137, -30.2127, 18.4765

Sweetspot

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



41.6137, 1.7192, -55.7208



83.2960, -11.0957, -16.2093



66.2138, -53.2385, 32.1678



37.5196, -5.3038, -8.9732

0.0000, NaN, NaN



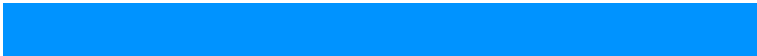
46.2646, -2.4686, 2.5136

Same Dimension

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



41.6137, 1.7192, -55.7208



53.1373, 2.9419, -72.7677



21.8224, 52.6118, -140.8423



34.5014, -2.7863, -0.3911



33.2928, 0.8755, -43.5031



8.4855, -1.3206, -7.7554

Inverse Universe

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



37.6118, 67.8821, -2.6539



48.3545, 87.1959, -2.7647



69.5558, -12.2102, 42.6451



33.6461, 2.0218, 0.5368



29.8696, 53.9713, -2.5485



6.8937, 12.6528, -2.1118

Previews

White Background



This preview shows how the HunterLab color 41.6131, 1.7182, -55.7218 looks on a white 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

Black Background



This preview shows how the HunterLab color 41.6131, 1.7182, -55.7218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

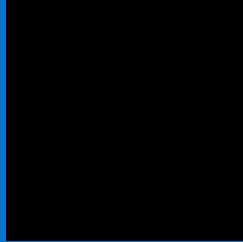
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 41.6131, 1.7182, -55.7218 Background



This preview shows how black text looks on a background with the HunterLab color 41.6131, 1.7182, -55.7218.



This preview shows how white text looks on a background with the HunterLab color 41.6131, 1.7182, -55.7218.

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

41.6131, 1.7182, -55.7218

Protanopia

41.5251, 9.2100, -50.5335

Deuteranopia

41.7200, 3.5226, -55.4159



Tritanopia

41.5265, -20.0817, -8.5539

Trichromacy



Original Color

41.6131, 1.7182, -55.7218

Protanomaly

41.0582, 5.1391, -53.5182

Deuteranomaly

41.5231, 2.8633, -55.9338

Tritanomaly

41.2171, -13.0560, -23.3337

Monochromacy



Original Color

41.6131, 1.7182, -55.7218

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

34.8224, -5.6365, -16.4233

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.6131, 1.7182, -55.7218 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, 118, 204)` looks like.

```
.text, #text, p{  
    color:rgb(0, 118, 204)  
}
```

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, 118, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 118, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 41.6131, 1.7182, -55.7218 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, 118, 204) }
```


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

```
.border{ border-color:rgb(0, 118, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 118, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 118, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 118, 204);  
box-shadow:4px 4px 4px 4px rgb(0, 118,  
204) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.6131, 1.7182, -55.7218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 118, 204) }
```

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

```
.background{ background-color: rgb(0, 118,  
204) }
```

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