

Converting Colors

HunterLab(46.5044, -9.1984,
-37.3297)

Have a look what the booklet for
HunterLab(46.5044, -9.1984,
-37.3297) contains.

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Color

HunterLab(46.5044, -9.1984,
-37.3297)

Conversions

Conversions Part 1

Format	Color
Hex	0C88C3
RGB	12, 136, 195
RGB Percent	5%, 53%, 76%
CMY	0.9528, 0.4667, 0.2353
CMYK	0.94, 0.30, 0.00, 0.24
HSL	199°, 88%, 41%
HSV	199°, 94%, 76%
XYZ	18.8061, 21.6266, 54.8129
YIQ	105.6500, -92.8430, -7.9390

Conversions

Conversions Part 2

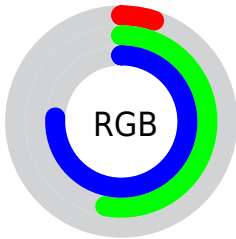
Format	Color
R _Y B	12, 86, 195
Decimal	821443
CIE Lab	53.63, -8.77, -39.05
CIE LCh	54, 40.022, 257.347
Yxy	21.6273, 0.1975, 0.2271
Android (android.graphics.Color)	4279011523 (0xFF0C88C3)
YUV	105.6500, 44.0496, -82.1310
Hunter-Lab	46.5044, -9.1984, -37.3297

Details

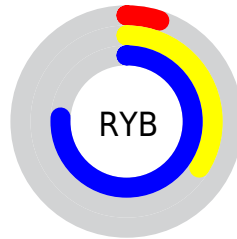
The HunterLab color **46.5044, -9.1984, -37.3297** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **40.1746, 40.0081, 24.9407**, and the grayscale version is **37.6995, -2.0116, 2.0483**.

A 20% lighter version of the original color is **67.8794, -11.1992, -38.8109**, and **29.5626, -2.1266, -32.3600** is the 20% darker color. If you saturate the color by 10%, you get **45.2495, -7.7152, -39.9030**, and if you desaturate by 10%, it is **48.6540, -11.2266, -33.1329**.

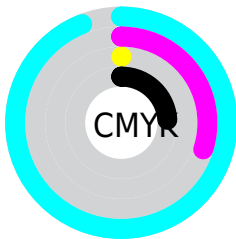
Distribution



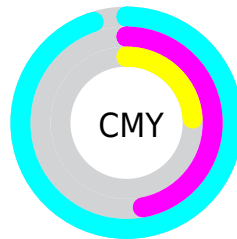
- Red (5%)
- Green (53%)
- Blue (76%)



- Red (5%)
- Yellow (34%)
- Blue (76%)



- Cyan (94%)
- Magenta (30%)
- Yellow (0%)
- Black (24%)



- Cyan (95%)
- Magenta (47%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.5044, -9.1984, -37.3297 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 46.5044, -9.1984, -37.3297 by changing the saturation by 10% instead.

46.5044, -9.1984,
-37.3297

46.5044, -9.1984,
-37.3297

161.4292,
-18.9578, -42.1638

36.8555, -8.1509,
-36.7074

67.9185, -11.2952,
-38.6494

27.9847, -7.0958,
-36.2158

79.5965, -12.3539,
-39.2825

19.9681, -6.0194,
-36.0538

91.8762, -13.4227,
-39.8781

12.9091, -4.8971,
-36.7399

104.7296,
-14.5030, -40.4299

6.3387, -6.3651,
-44.8720

118.1321,
-15.5959, -40.9351

0.0000, NaN, -NF

0.0000, NaN, -NF

132.0620,

-16.7024, -41.3924

0.0000, NaN, NaN

146.5001,
-17.8229, -41.8018

0.0000, NaN, NaN

■ 46.5044, -9.1984,
-37.3297

■ 46.5044, -9.1984,
-37.3297

■ 45.2495, -7.7152,
-39.9030

■ 48.6540, -11.2266,
-33.1329

■ 50.9965, -12.5946,
-28.8235

■ 53.5353, -13.2844,
-24.4244

■ 56.2665, -13.3120,
-19.9664

■ 59.1821, -12.7135,
-15.4792

■ 62.2721, -11.5358,
-10.9879

■ 65.5257, -9.8305,
-6.5124

■ 68.9319, -7.6495,
-2.0668

■ 72.4801, -5.0424,
2.3393

Harmonies

Analogous

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



46.5052, -21.9962, -25.4093



46.5044, -9.1984, -37.3297



46.5052, 7.3065, -36.2166

Triad

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



46.5052, -9.1978, -37.3287



46.5052, 31.6423, 10.6237



46.5052, -23.4962, 18.6264

Complementary

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



46.5044, -9.1984, -37.3297



40.1746, 40.0081, 24.9407

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.



46.5052, -11.5259, 23.0391



46.5044, -9.1984, -37.3297



46.5052, 20.8931, 19.6428

Square

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



46.5052, -9.1978, -37.3287



46.5052, 32.4948, -4.5376



46.5052, 4.6339, 23.3319



46.5052, -29.4482, 8.6398

Rectangle

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



46.5044, -9.1984, -37.3297



46.5052, 18.2552, -28.2237



46.5052, 4.6339, 23.3319



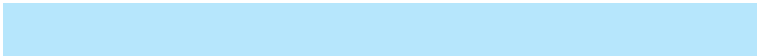
46.5052, -20.1249, 20.6341

Sweetspot

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



46.5052, -9.1978, -37.3287



85.6596, -14.2907, -11.4709



62.8895, -51.0988, 32.3987



39.1969, -7.1327, -6.6023

0.0000, NaN, NaN



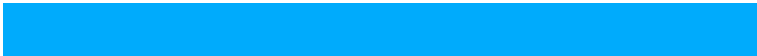
46.2646, -2.4686, 2.5136

Same Dimension

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



46.5052, -9.1978, -37.3287



60.1657, -9.7196, -54.2202



24.3721, 37.6432, -109.9240



32.9592, -3.0555, -0.0444



36.6951, -6.5518, -31.7223



8.3799, -2.4719, -5.1380

Inverse Universe

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



36.9373, 66.2329, -13.4688



48.7047, 89.4485, -15.3506



61.0563, -3.3632, 37.2248



31.9225, 2.0353, 0.1359



29.3965, 54.0871, -10.0321



6.2091, 11.5951, -3.4433

Previews

White Background



This preview shows how the HunterLab color 46.5044, -9.1984, -37.3297 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 46.5044, -9.1984, -37.3297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

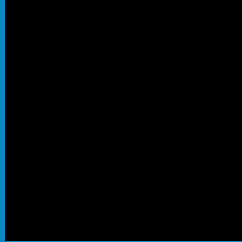
Any Text WCAG AA ✓ Pass

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 46.5044, -9.1984, -37.3297 Background



This preview shows how black text looks on a background with the HunterLab color 46.5044, -9.1984, -37.3297.

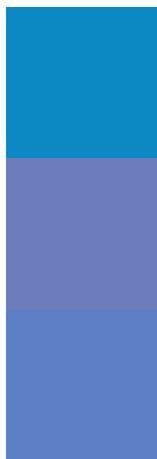


This preview shows how white text looks on a background with the HunterLab color 46.5044, -9.1984, -37.3297.

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

46.5044, -9.1984, -37.3297

Protanopia

46.1933, 5.1786, -31.0704

Deuteranopia

46.3522, 3.9166, -38.9367



Tritanopia

46.4898, -22.4565, -9.6311

Trichromacy



Original Color

46.5044, -9.1984, -37.3297

Protanomaly

45.5548, -2.4975, -34.6332

Deuteranomaly

45.8340, -2.3340, -39.3549

Tritanomaly

46.4856, -18.0068, -18.9210

Monochromacy



Original Color

46.5044, -9.1984, -37.3297

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

39.9190, -8.9502, -11.2714

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.5044, -9.1984, -37.3297 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(12, 136, 195)` looks like.

```
.text, #text, p{  
    color:rgb(12, 136, 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(12, 136, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 136, 195) }
```

Border

The CSS property to change the border of an element to HunterLab 46.5044, -9.1984, -37.3297 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(12, 136, 195) }
```


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

```
.border{ border-color:rgb(12, 136, 195) }
```

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

Here you see how a box with a 4 pixel rgb(12, 136, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 136, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 136, 195);  
box-shadow:4px 4px 4px 4px rgb(12, 136,  
195) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.5044, -9.1984, -37.3297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 136, 195) }
```

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

```
.background{ background-color: rgb(12, 136,  
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](#).

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