

Converting Colors

HunterLab(47.7754, -22.6338,
-43.1808)

Have a look what the booklet for
HunterLab(47.7754, -22.6338,
-43.1808) contains.

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Color

**HunterLab(50.6320,
-11.9967, -37.3883)**

Conversions

Conversions Part 1

Format	Color
Hex	0094CE
RGB	0, 148, 206
RGB Percent	0%, 58%, 81%
CMY	0.9998, 0.4196, 0.1922
CMYK	1.00, 0.28, 0.00, 0.19
HSL	197°, 100%, 40%
HSV	197°, 100%, 81%
XYZ	21.7304, 25.6360, 62.1954
YIQ	110.3600, -106.8260, -13.3380

Conversions

Conversions Part 2

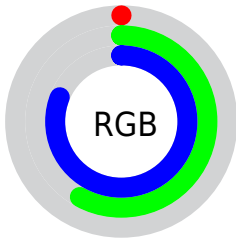
Format	Color
RYB	0, 86, 206
Decimal	38094
CIELab	57.69, -11.89, -38.89
CIELCh	58, 40.670, 252.998
Yxy	25.6368, 0.1983, 0.2340
Android (android.graphics.Color)	4278228174 (0xFF0094CE)
YUV	110.3600, 47.1505, -96.7857
Hunter-Lab	50.6320, -11.9967, -37.3883

Details

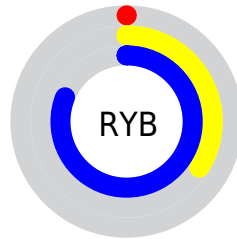
The HunterLab color **50.6320, -11.9967, -37.3883** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **40.1903, 49.4478, 25.6288**, and the grayscale version is **39.4854, -2.1068, 2.1453**.

A 20% lighter version of the original color is **72.2291, -16.6106, -33.4434**, and **33.1206, -4.3171, -32.0784** is the 20% darker color. If you saturate the color by 10%, you get **50.6286, -11.9913, -37.3955**, and if you desaturate by 10%, it is **52.5909, -14.0861, -33.6716**.

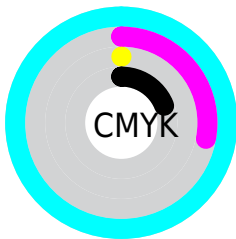
Distribution



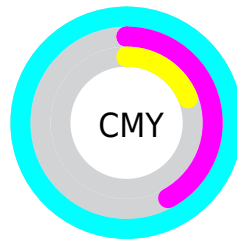
- Red (0%)
- Green (58%)
- Blue (81%)



- Red (0%)
- Yellow (34%)
- Blue (81%)



- Cyan (100%)
- Magenta (28%)
- Yellow (0%)
- Black (19%)



- Cyan (100%)
- Magenta (42%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.6320, -11.9967, -37.3883 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 50.6320, -11.9967, -37.3883 by changing the saturation by 10% instead.

■ 50.6320, -11.9967,
-37.3883

■ 50.6320, -11.9967,
-37.3883

167.6290,
-23.0924, -42.0618

■ 40.6843, -10.7600,
-36.7422

■ 72.5868, -14.4390,
-38.6983

■ 31.4892, -9.5017,
-36.1803

■ 84.5129, -15.6573,
-39.3145

■ 23.1152, -8.2046,
-35.8419

■ 97.0288, -16.8783,
-39.8897

■ 15.6523, -6.8403,
-36.0666

■ 110.1080,
-18.1045, -40.4195

■ 9.2272, -6.1087,
-37.8793

■ 123.7271,
-19.3378, -40.9018

0.0000, NaN, -NF

137.8657,

0.0000, NaN, -NF

-20.5796, -41.3360

0.0000, NaN, -NF

152.5052,
-21.8308, -41.7225

0.0000, NaN, NaN

■ 50.6320, -11.9967,
-37.3883

■ 50.6320, -11.9967,
-37.3883

■ 50.6286, -11.9913,
-37.3955

■ 52.5909, -14.0861,
-33.6716

■ 54.7149, -15.6040,
-29.8337

■ 57.0369, -16.4247,
-25.8414

■ 59.5600, -16.5351,
-21.7171

■ 62.2814, -15.9527,
-17.4901

■ 65.1944, -14.7136,
-13.1897

■ 68.2900, -12.8650,
-8.8425

■ 71.5583, -10.4588,
-4.4710

■ 74.9887, -7.5481,
-0.0930

Harmonies

Analogous

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



50.6328, -24.6482, -23.6635



50.6320, -11.9967, -37.3883



50.6328, 4.9330, -38.3599

Triad

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



50.6328, -11.9961, -37.3873



50.6328, 33.6252, 9.3200



50.6328, -23.2996, 20.7582

Complementary

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



50.6320, -11.9967, -37.3883



40.1903, 49.4478, 25.6288

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.



50.6328, -9.9143, 24.7934



50.6320, -11.9967, -37.3883



50.6328, 23.7594, 19.8296

Square

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



50.6328, -11.9961, -37.3873



50.6328, 32.8719, -7.3081



50.6328, 7.3099, 24.5224



50.6328, -30.5532, 11.1021

Rectangle

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



50.6320, -11.9967, -37.3883



50.6328, 16.5484, -31.2696



50.6328, 7.3099, 24.5224



50.6328, -19.4509, 22.6468

Sweetspot

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



50.6328, -11.9961, -37.3873



86.7646, -16.4820, -11.4741



66.6474, -55.6732, 36.8815



39.3521, -8.1263, -6.4033

0.0000, NaN, NaN



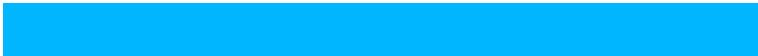
46.2646, -2.4686, 2.5136

Same Dimension

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



50.6328, -11.9961, -37.3873



64.1601, -14.8437, -48.1513



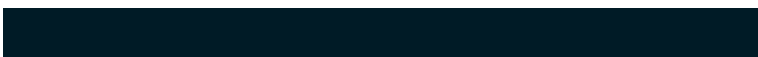
25.6491, 40.0338, -118.4744



34.8887, -3.4159, 0.0763



39.9438, -9.7271, -28.9283



9.7342, -3.1554, -5.3554

Inverse Universe

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



39.0654, 72.3674, -17.1838



49.6858, 91.9852, -21.3563



61.2836, 2.4789, 37.8048



33.6864, 2.2378, -0.0361



30.6817, 56.8900, -13.8687



7.0583, 13.2403, -4.3747

Previews

White Background



This preview shows how the HunterLab color 50.6320, -11.9967, -37.3883 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 50.6320, -11.9967, -37.3883 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

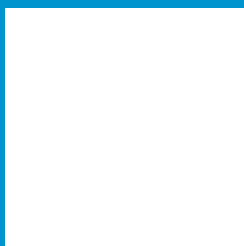
Any Text WCAG AAA × Fail

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

HunterLab 50.6320, -11.9967, -37.3883 Background



This preview shows how black text looks on a background with the HunterLab color 50.6320, -11.9967, -37.3883.



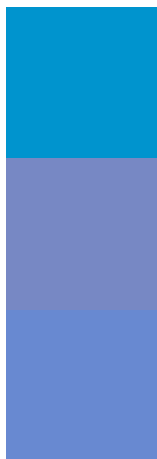
This preview shows how white text looks on a background with the HunterLab color 50.6320,

-11.9967, -37.3883.

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

50.6320, -11.9967, -37.3883

Protanopia

50.5131, 4.8067, -30.0887

Deuteranopia

50.4359, 4.3325, -39.7569



Tritanopia

50.4966, -24.0950, -11.1022

Trichromacy



Original Color

50.6320, -11.9967, -37.3883

Protanomaly

49.4599, -4.3280, -35.1028

Deuteranomaly

49.7615, -4.0166, -40.5087

Tritanomaly

50.4267, -19.9116, -20.0455

Monochromacy



Original Color

50.6320, -11.9967, -37.3883

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

42.1447, -10.8816, -11.9072

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.6320, -11.9967, -37.3883 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, 148, 206)` looks like.

```
.text, #text, p{  
    color:rgb(0, 148, 206)  
}
```

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, 148, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 148, 206) }
```

Border

The CSS property to change the border of an element to HunterLab 50.6320, -11.9967, -37.3883 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, 148, 206) }
```


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

```
.border{ border-color:rgb(0, 148, 206) }
```

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

Here you see how a box with a 4 pixel rgb(0, 148, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 148, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 148, 206);  
box-shadow:4px 4px 4px 4px rgb(0, 148,  
206) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.6320, -11.9967, -37.3883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 148, 206) }
```

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

```
.background{ background-color: rgb(0, 148,  
206) }
```

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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