

Converting Colors

HunterLab(51.3532, -8.3704,
-46.1178)

Have a look what the booklet for
HunterLab(51.3532, -8.3704,
-46.1178) contains.

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Color

**HunterLab(51.2780, -8.3636,
-46.0384)**

Conversions

Conversions Part 1

Format	Color
Hex	0094DB
RGB	0, 148, 219
RGB Percent	0%, 58%, 86%
CMY	0.9998, 0.4196, 0.1412
CMYK	1.00, 0.32, 0.00, 0.14
HSL	199°, 100%, 43%
HSV	199°, 100%, 86%
XYZ	23.3761, 26.2943, 70.8612
YIQ	111.8420, -110.9990, -9.2950

Conversions

Conversions Part 2

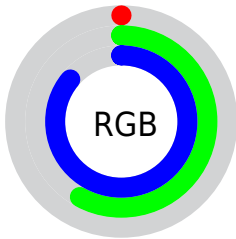
Format	Color
R _Y B	0, 88, 219
Decimal	38107
CIE Lab	58.32, -7.06, -45.19
CIE LCh	58, 45.736, 261.124
Yxy	26.2952, 0.1939, 0.2182
Android (android.graphics.Color)	4278228187 (0xFF0094DB)
YUV	111.8420, 52.8289, -98.0854
Hunter-Lab	51.2780, -8.3636, -46.0384

Details

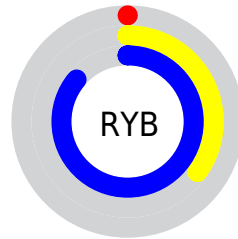
The HunterLab color **51.2780, -8.3636, -46.0384** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **44.2421, 49.5483, 28.1271**, and the grayscale version is **40.0335, -2.1361, 2.1751**.

A 20% lighter version of the original color is **72.3496, -16.1705, -33.2320**, and **33.7871, -0.6516, -40.8243** is the 20% darker color. If you saturate the color by 10%, you get **51.2731, -8.3557, -46.0494**, and if you desaturate by 10%, it is **53.6299, -11.1267, -41.2399**.

Distribution



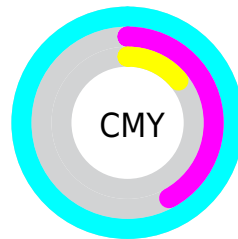
- Red (0%)
- Green (58%)
- Blue (86%)



- Red (0%)
- Yellow (35%)
- Blue (86%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (14%)



- Cyan (100%)
- Magenta (42%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.2780, -8.3636, -46.0384 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 51.2780, -8.3636, -46.0384 by changing the saturation by 10% instead.

■ 51.2780, -8.3636,
-46.0384

■ 51.2780, -8.3636,
-46.0384

168.5907,
-17.4693, -51.6515

■ 41.2851, -7.4190,
-45.4168

■ 73.3149, -10.2814,
-47.4462

■ 32.0411, -6.4802,
-44.9710

■ 85.2787, -11.2606,
-48.1528

■ 23.6133, -5.5392,
-44.9100

■ 97.8306, -12.2547,
-48.8345

■ 16.0902, -4.5830,
-45.7294

■ 110.9442,
-13.2646, -49.4819

■ 9.5975, -3.7247,
-48.8644

■ 124.5964,
-14.2908, -50.0896

0.0000, NaN, -NF

138.7668,

0.0000, NaN, -NF

-15.3335, -50.6545

0.0000, NaN, -NF

153.4370,
-16.3930, -51.1753

0.0000, NaN, NaN

■ 51.2780, -8.3636,
-46.0384

■ 51.2780, -8.3636,
-46.0384

■ 51.2731, -8.3557,
-46.0494

■ 53.6299, -11.1267,
-41.2399

■ 56.1780, -13.2359,
-36.3460

■ 58.9529, -14.5679,
-31.3302

■ 61.9544, -15.1178,
-26.2250

■ 65.1758, -14.9140,
-21.0664

■ 68.6067, -14.0043,
-15.8876

■ 72.2349, -12.4461,
-10.7156

■ 76.0476, -10.3005,
-5.5707

■ 80.0320, -7.6271,
-0.4674

Harmonies

Analogous

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



51.2788, -24.0942, -33.1852



51.2780, -8.3636, -46.0384



51.2788, 11.3939, -42.5074

Triad

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



51.2788, -8.3628, -46.0373



51.2788, 36.8568, 13.9937



51.2788, -28.6445, 20.4280

Complementary

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



51.2780, -8.3636, -46.0384



44.2421, 49.5483, 28.1271

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.



51.2788, -15.4895, 26.0701



51.2780, -8.3636, -46.0384



51.2788, 22.8083, 23.4300

Square

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



51.2788, -8.3628, -46.0373



51.2788, 39.5178, -2.9851



51.2788, 3.1384, 26.9156



51.2788, -34.6076, 7.9651

Rectangle

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



51.2780, -8.3636, -46.0384



51.2788, 24.1434, -31.7354



51.2788, 3.1384, 26.9156



51.2788, -25.0182, 22.9579

Sweetspot

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



51.2788, -8.3628, -46.0373



85.7002, -14.8498, -12.9044



71.4831, -59.1256, 38.2901



38.7892, -7.2719, -7.1780

0.0000, NaN, NaN



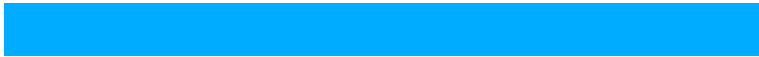
46.2646, -2.4686, 2.5136

Same Dimension

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



51.2788, -8.3628, -46.0373



60.6984, -9.5841, -55.1783



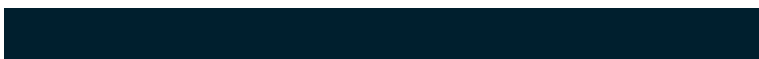
25.7791, 48.7261, -137.3996



37.5242, -3.4921, -0.0900



39.7429, -6.8381, -34.9137



10.8502, -2.8396, -7.4318

Inverse Universe

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



41.4724, 76.1709, -13.1662



49.2448, 90.4056, -15.2519



68.7348, -2.6285, 42.3067



36.3308, 2.3827, 0.1339



31.9660, 58.7731, -10.5865



8.2312, 15.2991, -4.0054

Previews

White Background



This preview shows how the HunterLab color 51.2780, -8.3636, -46.0384 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 51.2780, -8.3636, -46.0384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

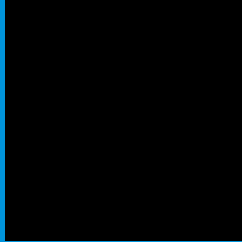
Any Text WCAG AA ✓ Pass

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 51.2780, -8.3636, -46.0384 Background



This preview shows how black text looks on a background with the HunterLab color 51.2780, -8.3636, -46.0384.

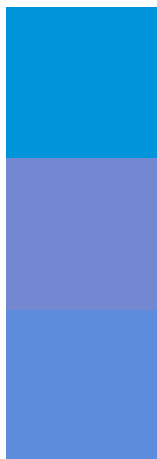


This preview shows how white text looks on a background with the HunterLab color 51.2780, -8.3636, -46.0384.

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

51.2780, -8.3636, -46.0384

Protanopia

51.1096, 6.6646, -39.1217

Deuteranopia

51.3384, 4.1925, -47.2940



Tritanopia

51.1819, -24.6847, -10.6856

Trichromacy



Original Color

51.2780, -8.3636, -46.0384

Protanomaly

50.2696, -1.7472, -43.3014

Deuteranomaly

50.7670, -2.3323, -47.8361

Tritanomaly

50.9502, -19.1464, -22.3518

Monochromacy



Original Color

51.2780, -8.3636, -46.0384

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

42.7097, -9.8861, -14.4998

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.2780, -8.3636, -46.0384 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(0, 148, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 148, 219) }
```

Border

The CSS property to change the border of an element to HunterLab 51.2780, -8.3636, -46.0384 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, 219) }
```


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

```
.border{ border-color:rgb(0, 148, 219) }
```

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, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 148, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 148, 219);  
box-shadow:4px 4px 4px 4px rgb(0, 148,  
219) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.2780, -8.3636, -46.0384 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, 219) }
```

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

```
.background{ background-color: rgb(0, 148,  
219) }
```

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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