

Converting Colors

HunterLab(45.1422, -3.5126,
-66.6730)

Have a look what the booklet for
HunterLab(45.1422, -3.5126,
-66.6730) contains.

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Color

**HunterLab(46.6086, 2.0916,
-62.7717)**

Conversions

Conversions Part 1

Format	Color
Hex	0083E2
RGB	0, 131, 226
RGB Percent	0%, 51%, 89%
CMY	0.9998, 0.4863, 0.1137
CMYK	1.00, 0.42, 0.00, 0.11
HSL	205°, 100%, 44%
HSV	205°, 100%, 89%
XYZ	21.8438, 21.7236, 74.9933
YIQ	102.6610, -108.5710, 1.7730

Conversions

Conversions Part 2

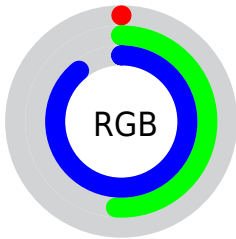
Format	Color
R _{YB}	0, 83, 226
Decimal	33762
CIE Lab	53.73, 5.70, -56.40
CIE LCh	54, 56.682, 275.768
Yxy	21.7243, 0.1842, 0.1832
Android (android.graphics.Color)	4278223842 (0xFF0083E2)
YUV	102.6610, 60.8061, -90.0337
Hunter-Lab	46.6086, 2.0916, -62.7717

Details

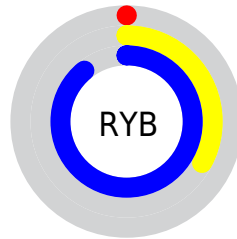
The HunterLab color **46.6086, 2.0916, -62.7717** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **49.3601, 41.8610, 31.1463**, and the grayscale version is **36.5147, -1.9483, 1.9839**.

A 20% lighter version of the original color is **66.3551, -6.6560, -43.7632**, and **30.1476, 8.5164, -56.0664** is the 20% darker color. If you saturate the color by 10%, you get **46.6016, 2.1042, -62.7902**, and if you desaturate by 10%, it is **49.5710, -2.0381, -55.5494**.

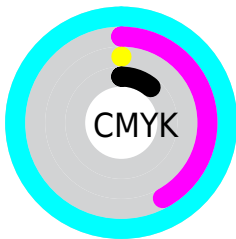
Distribution



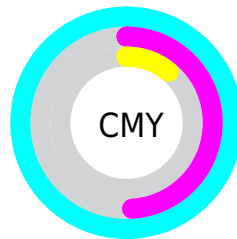
- Red (0%)
- Green (51%)
- Blue (89%)



- Red (0%)
- Yellow (33%)
- Blue (89%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (49%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.6086, 2.0916, -62.7717 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 46.6086, 2.0916, -62.7717 by changing the saturation by 10% instead.

■ 46.6086, 2.0916,
-62.7717

■ 46.6086, 2.0916,
-62.7717

■ 161.5868, -1.7687,
-69.3059

■ 36.9519, 2.2807,
-62.5526

■ 68.0366, 1.5423,
-63.9632

■ 28.0726, 2.3997,
-62.9031

■ 79.7210, 1.1910,
-64.7201

■ 20.0467, 2.4376,
-64.4012

■ 92.0068, 0.7945,
-65.5122

■ 12.9770, 2.3754,
-68.5107

■ 104.8660, 0.3562,
-66.3111

■ 6.4288, 3.5182,
-88.2875

■ 118.2741, -0.1214,
-67.0994

0.0000, NaN, -NF

0.0000, NaN, -NF

132.2094, -0.6360,

-67.8657

0.0000, NaN, -NF

146.6527, -1.1857,
-68.6027

0.0000, NaN, NaN

■ 46.6086, 2.0916,
-62.7717

■ 46.6086, 2.0916,
-62.7717

■ 46.6016, 2.1042,
-62.7902

■ 49.5710, -2.0381,
-55.5494

■ 52.7915, -5.3911,
-48.3737

■ 56.2907, -7.8568,
-41.2373

■ 60.0565, -9.4566,
-34.1927

■ 64.0713, -10.2472,
-27.2817

■ 68.3156, -10.3014,
-20.5307

■ 72.7702, -9.6964,
-13.9526

■ 77.4169, -8.5074,
-7.5497

■ 82.2391, -6.8035,
-1.3173

Harmonies

Analogous

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



46.6093, -19.4661, -55.3451



46.6086, 2.0916, -62.7717



46.6093, 26.6480, -46.8860

Triad

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



46.6093, 2.0928, -62.7706



46.6093, 39.6469, 21.1870



46.6093, -36.6716, 16.8418

Complementary

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



46.6086, 2.0916, -62.7717



49.3601, 41.8610, 31.1463

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.



46.6093, -25.8622, 25.5427



46.6086, 2.0916, -62.7717



46.6093, 17.3295, 27.0516

Square

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



46.6093, 2.0928, -62.7706



46.6093, 50.8945, 6.6149



46.6093, -6.9012, 28.1231



46.6093, -39.1709, -1.9462

Rectangle

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



46.6086, 2.0916, -62.7717



46.6093, 40.5642, -28.3132



46.6093, -6.9012, 28.1231



46.6093, -34.0096, 20.6892

Sweetspot

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



46.6093, 2.0928, -62.7706



83.3254, -11.1422, -16.1683



74.3003, -59.8107, 36.2481



37.5351, -5.3281, -8.9509

0.0000, NaN, NaN



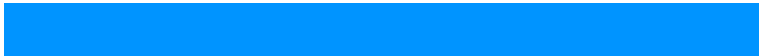
46.2646, -2.4686, 2.5136

Same Dimension

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



46.6093, 2.0928, -62.7706



53.2272, 2.7828, -72.5368



24.3996, 59.4229, -158.7654



38.1525, -3.0982, -0.4577



35.5378, 0.9955, -46.5680



10.2536, -1.2325, -10.1555

Inverse Universe

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



42.2006, 76.1449, -2.8318



48.3645, 87.2321, -2.9060



78.0245, -13.6471, 47.8381



37.1928, 2.2882, 0.5713



31.9108, 57.6524, -2.6683



8.5064, 15.5575, -2.1777

Previews

White Background



This preview shows how the HunterLab color 46.6086, 2.0916, -62.7717 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 46.6086, 2.0916, -62.7717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

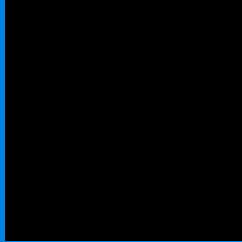
Any Text WCAG AA ✓ Pass

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 46.6086, 2.0916, -62.7717 Background



This preview shows how black text looks on a background with the HunterLab color 46.6086, 2.0916, -62.7717.



This preview shows how white text looks on a background with the HunterLab color 46.6086, 2.0916, -62.7717.

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

46.6086, 2.0916, -62.7717

Protanopia

46.7044, 10.3359, -56.9964

Deuteranopia

46.7636, 4.0839, -62.3380



Tritanopia

46.4898, -22.4565, -9.6311

Trichromacy



Original Color

46.6086, 2.0916, -62.7717

Protanomaly

46.1139, 5.8132, -60.3363

Deuteranomaly

46.5300, 3.3025, -62.9534

Tritanomaly

46.2943, -14.5989, -26.3491

Monochromacy



Original Color

46.6086, 2.0916, -62.7717

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

38.8672, -6.0311, -18.8942

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.6086, 2.0916, -62.7717 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, 131, 226)` looks like.

```
.text, #text, p{  
    color:rgb(0, 131, 226)  
}
```

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, 131, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 131, 226) }
```

Border

The CSS property to change the border of an element to HunterLab 46.6086, 2.0916, -62.7717 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, 131, 226) }
```


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

```
.border{ border-color:rgb(0, 131, 226) }
```

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

Here you see how a box with a 4 pixel rgb(0, 131, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 131, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 131, 226);  
box-shadow:4px 4px 4px 4px rgb(0, 131,  
226) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.6086, 2.0916, -62.7717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 131, 226) }
```

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

```
.background{ background-color: rgb(0, 131,  
226) }
```

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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