

Converting Colors

HunterLab(42.2765, -11.1967,
-87.7005)

Have a look what the booklet for
HunterLab(42.2765, -11.1967,
-87.7005) contains.

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Color

**HunterLab(47.3346, 5.9680,
-72.0474)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 0083EE |
| RGB | 0, 131, 238 |
| RGB Percent | 0%, 51%, 93% |
| CMY | 0.9997, 0.4863, 0.0667 |
| CMYK | 1.00, 0.45, 0.00, 0.07 |
| HSL | 207°, 100%, 47% |
| HSV | 207°, 100%, 93% |
| XYZ | 23.5489, 22.4056, 83.9725 |
| YIQ | 104.0290, -112.4230, 5.5050 |

Conversions

Conversions Part 2

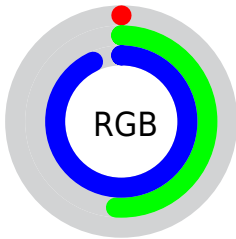
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 0, 84, 238 |
| Decimal | 33774 |
| CIE _{Lab} | 54.46, 10.35, -61.94 |
| CIE _{LCh} | 54, 62.795, 279.491 |
| Yxy | 22.4063, 0.1813, 0.1724 |
| Android (android.graphics.Color) | 4278223854 (0xFF0083EE) |
| YUV | 104.0290, 66.0477, -91.2334 |
| Hunter-Lab | 47.3346, 5.9680, -72.0474 |

Details

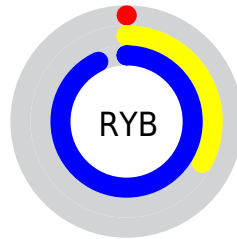
The HunterLab color **47.3346, 5.9680, -72.0474** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **53.5782, 41.2501, 33.7347**, and the grayscale version is **37.0135, -1.9749, 2.0110**.

A 20% lighter version of the original color is **66.5396, -6.0068, -43.4039**, and **30.8589, 12.1343, -64.7653** is the 20% darker color. If you saturate the color by 10%, you get **47.3266, 5.9830, -72.0698**, and if you desaturate by 10%, it is **50.6197, 1.1074, -63.5335**.

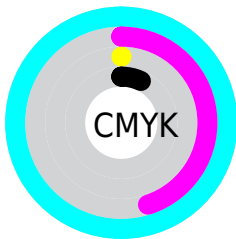
Distribution



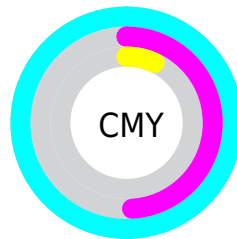
- Red (0%)
- Green (51%)
- Blue (93%)



- Red (0%)
- Yellow (33%)
- Blue (93%)



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)
- Black (7%)



- Cyan (100%)
- Magenta (49%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.3346, 5.9680, -72.0474 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 47.3346, 5.9680, -72.0474 by changing the saturation by 10% instead.

■ 47.3346, 5.9680,
-72.0474

■ 47.3346, 5.9680,
-72.0474

162.6839, 3.8937,
-78.6522

■ 37.6241, 5.9059,
-72.0719

■ 68.8597, 5.8790,
-73.0298

■ 28.6863, 5.7554,
-72.8377

■ 80.5885, 5.7406,
-73.7626

■ 20.5958, 5.5014,
-75.0560

■ 92.9167, 5.5476,
-74.5631

■ 13.4527, 5.1193,
-80.4971

■ 105.8163, 5.3045,
-75.3941

■ 7.0231, 6.0491,
-100.6106

■ 119.2632, 5.0147,
-76.2317

0.0000, NaN, -NF

0.0000, NaN, -NF

133.2358, 4.6813,

-77.0602

0.0000, NaN, -NF

147.7151, 4.3069,
-77.8694

0.0000, NaN, -NF

■ 47.3346, 5.9680,
-72.0474

■ 47.3346, 5.9680,
-72.0474

■ 47.3266, 5.9830,
-72.0698

■ 50.6197, 1.1074,
-63.5335

■ 54.2051, -2.8836,
-55.1271

■ 58.1064, -5.8964,
-46.8355

■ 62.3055, -7.9623,
-38.7215

■ 66.7795, -9.1510,
-30.8285

■ 71.5043, -9.5489,
-23.1786

■ 76.4570, -9.2448,
-15.7767

■ 81.6163, -8.3236,
-8.6161

■ 86.9633, -6.8621,
-1.6827

Harmonies

Analogous

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



47.3353, -18.7482, -66.7682



47.3346, 5.9680, -72.0474



47.3353, 33.5020, -50.5253

Triad

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



47.3353, 5.9694, -72.0462



47.3353, 42.3782, 23.8923



47.3353, -40.7347, 16.3544

Complementary

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



47.3346, 5.9680, -72.0474



53.5782, 41.2501, 33.7347

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.



47.3353, -30.2263, 26.4989



47.3346, 5.9680, -72.0474



47.3353, 16.2206, 28.9405

Square

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



47.3353, 5.9694, -72.0462



47.3353, 57.3092, 9.7435



47.3353, -10.4657, 29.5365



47.3353, -42.3239, -5.9225

Rectangle

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



47.3346, 5.9680, -72.0474



47.3353, 48.4918, -28.3483



47.3353, -10.4657, 29.5365



47.3353, -38.2562, 20.8737

Sweetspot

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



47.3353, 5.9694, -72.0462



82.6106, -10.0074, -17.1714



78.8242, -63.1398, 37.7801



37.1582, -4.7325, -9.4972

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.3353, 5.9694, -72.0462



51.0605, 6.6958, -78.2755



25.5772, 64.2342, -170.6234



40.8300, -3.1722, -0.6302



35.7185, 3.7930, -52.8329



11.2241, -0.5119, -12.9240

Inverse Universe

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



44.5167, 79.9092, 0.2310



48.1281, 86.3749, 0.4476



83.9604, -16.3547, 51.4484



39.8804, 2.4359, 0.7444



33.2886, 59.8322, -0.3850



9.7051, 17.6327, -1.5765

Previews

White Background



This preview shows how the HunterLab color 47.3346, 5.9680, -72.0474 looks on a white background.

Color Contrast Check

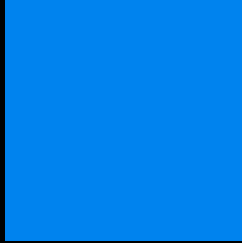
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.3346, 5.9680, -72.0474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

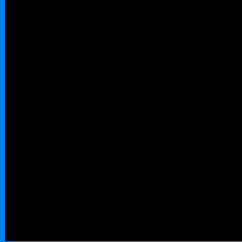
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

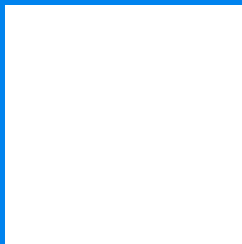
Any Text WCAG AAA × Fail

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

HunterLab 47.3346, 5.9680, -72.0474 Background



This preview shows how black text looks on a background with the HunterLab color 47.3346, 5.9680, -72.0474.



This preview shows how white text looks on a background with the HunterLab color 47.3346, 5.9680, -72.0474.

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

47.3346, 5.9680, -72.0474

Protanopia

47.3546, 12.5364, -67.1218

Deuteranopia

47.3136, 3.8197, -67.3835



Tritanopia

47.2013, -22.8291, -9.7161

Trichromacy



Original Color

47.3346, 5.9680, -72.0474

Protanomaly

47.0262, 8.9161, -69.9610

Deuteranomaly

47.4349, 4.4674, -68.9332

Tritanomaly

46.8701, -13.5111, -29.4170

Monochromacy



Original Color

47.3346, 5.9680, -72.0474

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

39.3609, -5.3293, -21.2352

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.3346, 5.9680, -72.0474 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, 238)` looks like.

```
.text, #text, p{  
    color:rgb(0, 131, 238)  
}
```

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, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 131, 238) }
```

Border

The CSS property to change the border of an element to HunterLab 47.3346, 5.9680, -72.0474 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, 238) }
```


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

```
.border{ border-color:rgb(0, 131, 238) }
```

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, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 131, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 131, 238);  
box-shadow:4px 4px 4px 4px rgb(0, 131,  
238) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.3346, 5.9680, -72.0474 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, 238) }
```

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

```
.background{ background-color: rgb(0, 131,  
238) }
```

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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