

Converting Colors

HunterLab(46.3695, -2.5928,
-46.5852)

Have a look what the booklet for
HunterLab(46.3695, -2.5928,
-46.5852) contains.

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Color

**HunterLab(46.3454, -2.4249,
-47.0041)**

Conversions

Conversions Part 1

Format	Color
Hex	2984CF
RGB	41, 132, 207
RGB Percent	16%, 52%, 81%
CMY	0.8392, 0.4823, 0.1882
CMYK	0.80, 0.36, 0.00, 0.19
HSL	207°, 67%, 49%
HSV	207°, 80%, 81%
XYZ	20.4282, 21.4790, 62.1007
YIQ	113.3410, -78.3110, 4.0330

Conversions

Conversions Part 2

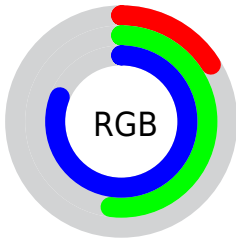
Format	Color
R _Y B	41, 100, 207
Decimal	2720975
CIE Lab	53.47, 0.07, -46.08
CIE LCh	53, 46.084, 270.081
Yxy	21.4796, 0.1964, 0.2065
Android (android.graphics.Color)	4280911055 (0xFF2984CF)
YUV	113.3410, 46.1739, -63.4431
Hunter-Lab	46.3454, -2.4249, -47.0041

Details

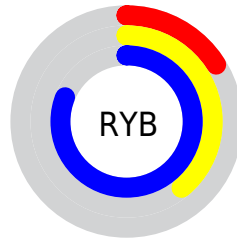
The HunterLab color **46.3454, -2.4249, -47.0041** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark muted azure. A complement of this color would be **50.9114, 24.4318, 29.3545**, and the grayscale version is **40.6193, -2.1673, 2.2069**.

A 20% lighter version of the original color is **67.3518, -6.3398, -41.8926**, and **29.0749, 2.9039, -42.6097** is the 20% darker color. If you saturate the color by 10%, you get **43.2849, 0.9419, -54.1712**, and if you desaturate by 10%, it is **49.6734, -4.9664, -39.9389**.

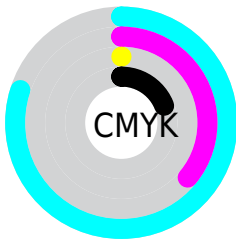
Distribution



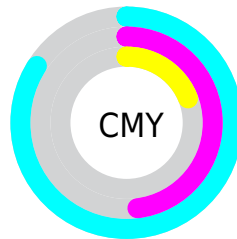
- Red (16%)
- Green (52%)
- Blue (81%)



- Red (16%)
- Yellow (39%)
- Blue (81%)



- Cyan (80%)
- Magenta (36%)
- Yellow (0%)
- Black (19%)



- Cyan (84%)
- Magenta (48%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.3454, -2.4249, -47.0041 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 46.3454, -2.4249, -47.0041 by changing the saturation by 10% instead.

■ 46.3454, -2.4249,
-47.0041

■ 46.3454, -2.4249,
-47.0041

■ 161.1883, -8.5316,
-52.8090

■ 36.7084, -1.9132,
-46.4667

■ 67.7381, -3.5598,
-48.3787

■ 27.8505, -1.4443,
-46.2079

■ 79.4062, -4.1799,
-49.1003

■ 19.8482, -1.0215,
-46.5573

■ 91.6766, -4.8322,
-49.8074

■ 12.8054, -0.6506,
-48.3638

■ 104.5211, -5.5154,
-50.4865

■ 6.1984, -0.2854,
-61.4556

■ 117.9150, -6.2280,
-51.1297

0.0000, NaN, -NF

0.0000, NaN, -NF

131.8368, -6.9690,

-51.7326

0.0000, NaN, -NF

146.2669, -7.7371,
-52.2928

0.0000, NaN, NaN

■ 46.3454, -2.4249,
-47.0041

■ 46.3454, -2.4249,
-47.0041

■ 43.2849, 0.9419,
-54.1712

■ 49.6734, -4.9664,
-39.9389

■ 40.5220, 4.9419,
-61.3171

■ 53.2511, -6.7131,
-33.0310

■ 57.0597, -7.7240,
-26.3147

■ 61.0791, -8.0715,
-19.8076

■ 65.2899, -7.8303,
-13.5130

■ 69.6744, -7.0712,
-7.4245

■ 74.2168, -5.8583,
-1.5298

■ 78.9029, -4.2482,
4.1868

■ 83.7204, -2.2902,
9.7421

Harmonies

Analogous

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



46.3461, -19.2284, -38.5006



46.3454, -2.4249, -47.0041



46.3461, 17.1604, -38.4140

Triad

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



46.3461, -2.4242, -47.0030



46.3461, 33.3080, 16.7088



46.3461, -29.9303, 16.6537

Complementary

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



46.3454, -2.4249, -47.0041



50.9114, 24.4318, 29.3545

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.



46.3461, -19.3040, 23.5612



46.3454, -2.4249, -47.0041



46.3461, 17.0575, 23.5829

Square

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



46.3461, -2.4242, -47.0030



46.3461, 39.7019, 2.5714



46.3461, -2.5266, 25.4742



46.3461, -33.4785, 2.4740

Rectangle

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



46.3454, -2.4249, -47.0041



46.3461, 28.7834, -25.5601



46.3461, -2.5266, 25.4742



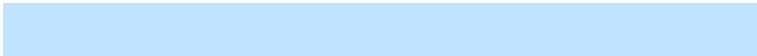
46.3461, -27.1613, 19.6626

Sweetspot

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



46.3461, -2.4242, -47.0030



85.9018, -9.4201, -12.5315



68.0823, -50.0234, 26.7644



38.8191, -4.5097, -7.0873

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.3461, -2.4242, -47.0030



52.2977, 4.7641, -74.9480



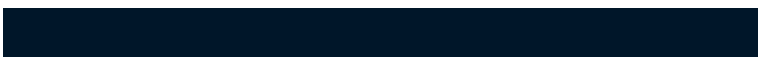
26.8323, 41.4484, -113.1807



35.3219, -2.7223, -0.5127



32.4606, 3.3810, -47.8715



8.6404, -0.8520, -8.9606

Inverse Universe

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



40.6428, 63.6665, -5.6877



48.4840, 86.0342, -1.0757



73.5767, -15.9784, 43.3664



34.5183, 2.0399, 0.6726



30.2241, 54.3310, -0.4022



7.2571, 13.2458, -1.6495

Previews

White Background



This preview shows how the HunterLab color 46.3454, -2.4249, -47.0041 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 46.3454, -2.4249, -47.0041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

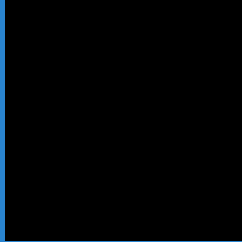
Any Text WCAG AA ✓ Pass

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 46.3454, -2.4249, -47.0041 Background



This preview shows how black text looks on a background with the HunterLab color 46.3454, -2.4249, -47.0041.



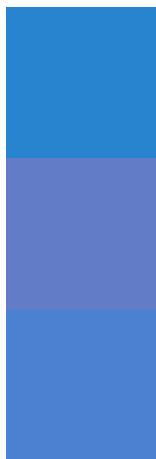
This preview shows how white text looks on a background with the HunterLab color 46.3454, -2.4249, -47.0041.

-47.0041.

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

46.3454, -2.4249, -47.0041

Protanopia

46.0848, 7.5797, -41.7713

Deuteranopia

46.3993, 3.7626, -47.5965



Tritanopia

46.1701, -22.0618, -10.0836

Trichromacy



Original Color

46.3454, -2.4249, -47.0041

Protanomaly

45.9459, 3.1641, -44.5422

Deuteranomaly

46.1642, 1.5151, -48.1690

Tritanomaly

46.1054, -15.9059, -22.0595

Monochromacy



Original Color

46.3454, -2.4249, -47.0041

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

41.9115, -5.5704, -13.3214

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.3454, -2.4249, -47.0041 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(41, 132, 207)` looks like.

```
.text, #text, p{  
    color:rgb(41, 132, 207)  
}
```

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(41, 132, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 132, 207) }
```

Border

The CSS property to change the border of an element to HunterLab 46.3454, -2.4249, -47.0041 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(41, 132, 207) }
```


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

```
.border{ border-color:rgb(41, 132, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 132, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 132, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 132, 207);  
box-shadow:4px 4px 4px 4px rgb(41, 132,  
207) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.3454, -2.4249, -47.0041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 132, 207) }
```

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

```
.background{ background-color: rgb(41, 132,  
207) }
```

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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