

Converting Colors

HunterLab(46.3828, -0.9962,
-50.2959)

Have a look what the booklet for
HunterLab(46.3828, -0.9962,
-50.2959) contains.

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Color

**HunterLab(46.2459, -0.8425,
-50.5290)**

Conversions

Conversions Part 1

Format	Color
Hex	2883D3
RGB	40, 131, 211
RGB Percent	16%, 51%, 83%
CMY	0.8431, 0.4863, 0.1725
CMYK	0.81, 0.38, 0.00, 0.17
HSL	208°, 68%, 49%
HSV	208°, 81%, 83%
XYZ	20.7492, 21.3868, 64.6625
YIQ	112.9110, -79.9160, 5.5880

Conversions

Conversions Part 2

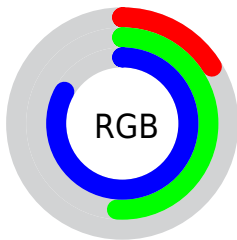
Format	Color
R_{YB}	40, 99, 211
Decimal	2655187
CIE _{Lab}	53.37, 2.05, -48.51
CIE _{LCh}	53, 48.549, 272.425
Yxy	21.3875, 0.1943, 0.2003
Android (android.graphics.Color)	4280845267 (0xFF2883D3)
YUV	112.9110, 48.3579, -63.9429
Hunter-Lab	46.2459, -0.8425, -50.5290

Details

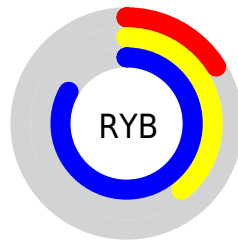
The HunterLab color **46.2459, -0.8425, -50.5290** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **52.3821, 24.0747, 30.4253**, and the grayscale version is **40.4466, -2.1581, 2.1975**.

A 20% lighter version of the original color is **67.0908, -5.6632, -42.3657**, and **29.0429, 4.6006, -46.2325** is the 20% darker color. If you saturate the color by 10%, you get **43.0661, 2.8794, -58.2577**, and if you desaturate by 10%, it is **49.7105, -3.7024, -42.9380**.

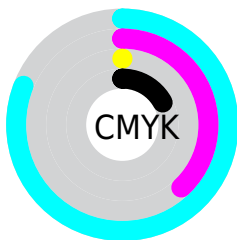
Distribution



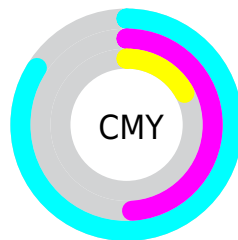
- Red (16%)
- Green (51%)
- Blue (83%)



- Red (16%)
- Yellow (39%)
- Blue (83%)



- Cyan (81%)
- Magenta (38%)
- Yellow (0%)
- Black (17%)



- Cyan (84%)
- Magenta (49%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.2459, -0.8425, -50.5290 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 46.2459, -0.8425, -50.5290 by changing the saturation by 10% instead.

■ 46.2459, -0.8425,
-50.5290

■ 46.2459, -0.8425,
-50.5290

■ 161.0375, -6.1426,
-56.5802

■ 36.6163, -0.4475,
-50.0483

■ 67.6251, -1.7665,
-51.8871

■ 27.7665, -0.1055,
-49.9096

■ 79.2871, -2.2899,
-52.6271

■ 19.7732, 0.1771,
-50.4989

■ 91.5517, -2.8503,
-53.3627

■ 12.7406, 0.3890,
-52.8085

■ 104.3906, -3.4456,
-54.0775

■ 6.1089, 1.1391,
-68.3005

■ 117.7792, -4.0740,
-54.7613

0.0000, NaN, -NF

0.0000, NaN, -NF

131.6957, -4.7338,

-55.4084

0.0000, NaN, -NF

146.1210, -5.4238,
-56.0153

0.0000, NaN, NaN

■ 46.2459, -0.8425,
-50.5290

■ 46.2459, -0.8425,
-50.5290

■ 43.0661, 2.8794,
-58.2577

■ 49.7105, -3.7024,
-42.9380

■ 40.4391, 6.8436,
-65.3187

■ 53.4397, -5.7319,
-35.5462

■ 57.4123, -6.9940,
-28.3893

■ 61.6058, -7.5668,
-21.4831

■ 65.9990, -7.5299,
-14.8272

■ 70.5729, -6.9588,
-8.4108

■ 75.3102, -5.9214,
-2.2165

■ 80.1961, -4.4771,
3.7754

■ 85.2175, -2.6775,
9.5858

Harmonies

Analogous

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



46.2466, -18.8650, -42.6943



46.2459, -0.8425, -50.5290



46.2466, 19.8582, -39.8854

Triad

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



46.2466, -0.8417, -50.5279



46.2466, 34.4125, 18.0762



46.2466, -31.7052, 16.3825

Complementary

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



46.2459, -0.8425, -50.5290



52.3821, 24.0747, 30.4253

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.



46.2466, -21.2303, 23.8914



46.2459, -0.8425, -50.5290



46.2466, 16.5842, 24.5390

Square

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



46.2466, -0.8417, -50.5279



46.2466, 42.2427, 4.0295



46.2466, -4.0762, 26.1011



46.2466, -34.7947, 0.9523

Rectangle

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



46.2459, -0.8425, -50.5290



46.2466, 31.8849, -25.5924



46.2466, -4.0762, 26.1011



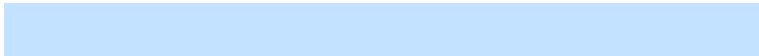
46.2466, -29.0295, 19.6522

Sweetspot

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



46.2466, -0.8417, -50.5279



85.5891, -8.9172, -12.9540



69.5642, -51.0481, 26.8784



38.6531, -4.2436, -7.3179

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.2466, -0.8417, -50.5279



50.8068, 7.4151, -78.9676



26.6203, 44.6050, -120.0779



35.2765, -2.6479, -0.5680



31.7429, 4.7022, -49.8266



8.4943, -0.6138, -9.2920

Inverse Universe

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



41.2387, 65.1321, -4.3211



48.2681, 85.6546, 1.1105



76.0323, -17.6658, 44.9750



34.5136, 2.0147, 0.7393



30.1471, 54.0514, 0.6931



7.2397, 13.1830, -1.4054

Previews

White Background



This preview shows how the HunterLab color 46.2459, -0.8425, -50.5290 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 46.2459, -0.8425, -50.5290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

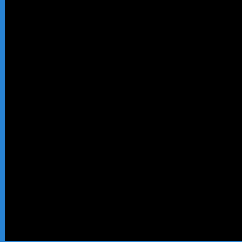
Any Text WCAG AA ✓ Pass

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 46.2459, -0.8425, -50.5290 Background



This preview shows how black text looks on a background with the HunterLab color 46.2459, -0.8425, -50.5290.



This preview shows how white text looks on a background with the HunterLab color 46.2459, -0.8425, -50.5290.

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

46.2459, -0.8425, -50.5290

Protanopia

46.1042, 8.1584, -45.7243

Deuteranopia

46.3217, 3.9336, -51.1133



Tritanopia

46.1347, -22.2705, -9.5887

Trichromacy



Original Color

46.2459, -0.8425, -50.5290

Protanomaly

46.0213, 3.8368, -47.6260

Deuteranomaly

46.2099, 2.1014, -51.4073

Tritanomaly

45.8367, -15.2365, -23.1614

Monochromacy



Original Color

46.2459, -0.8425, -50.5290

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

41.9301, -5.3534, -14.4626

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.2459, -0.8425, -50.5290 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(40, 131, 211)` looks like.

```
.text, #text, p{  
    color:rgb(40, 131, 211)  
}
```

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(40, 131, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 131, 211) }
```

Border

The CSS property to change the border of an element to HunterLab 46.2459, -0.8425, -50.5290 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(40, 131, 211) }
```


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

```
.border{ border-color:rgb(40, 131, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 131, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 131, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 131, 211);  
box-shadow:4px 4px 4px 4px rgb(40, 131,  
211) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.2459, -0.8425, -50.5290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 131, 211) }
```

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

```
.background{ background-color: rgb(40, 131,  
211) }
```

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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