

Converting Colors

HunterLab(46.6353, -8.4567,
-35.2934)

Have a look what the booklet for
HunterLab(46.6353, -8.4567,
-35.2934) contains.

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Color

**HunterLab(46.7460, -8.5178,
-35.3350)**

Conversions

Conversions Part 1

Format	Color
Hex	2588C1
RGB	37, 136, 193
RGB Percent	15%, 53%, 76%
CMY	0.8548, 0.4667, 0.2431
CMYK	0.81, 0.30, 0.00, 0.24
HSL	202°, 68%, 45%
HSV	202°, 81%, 76%
XYZ	19.1928, 21.8519, 53.6583
YIQ	112.8970, -77.3010, -3.2610

Conversions

Conversions Part 2

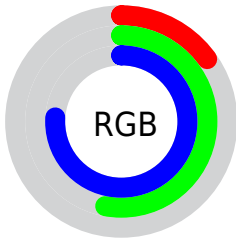
Format	Color
R_{YB}	37, 98, 193
Decimal	2459841
CIE _{Lab}	53.87, -7.82, -37.51
CIE _{LCh}	54, 38.317, 258.221
Yxy	21.8526, 0.2027, 0.2307
Android (android.graphics.Color)	4280649921 (0xFF2588C1)
YUV	112.8970, 39.4908, -66.5617
Hunter-Lab	46.7460, -8.5178, -35.3350

Details

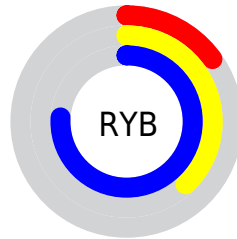
The HunterLab color $46.7460, -8.5178, -35.3350$ is a dark color, and the websafe version is hex $3399CC$. The color can be described as dark muted azure. A complement of this color would be $44.1351, 29.2550, 25.3551$, and the grayscale version is $40.4735, -2.1596, 2.1990$.

A 20% lighter version of the original color is $68.1802, -10.3066, -36.8175$, and $29.4626, -2.6771, -31.0467$ is the 20% darker color. If you saturate the color by 10%, you get $44.3433, -6.2968, -40.2446$, and if you desaturate by 10%, it is $49.3571, -10.0495, -30.3681$.

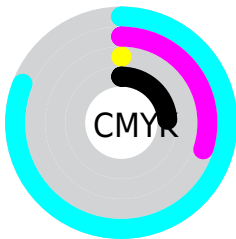
Distribution



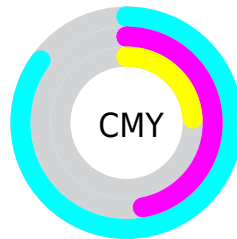
- Red (15%)
- Green (53%)
- Blue (76%)



- Red (15%)
- Yellow (38%)
- Blue (76%)



- Cyan (81%)
- Magenta (30%)
- Yellow (0%)
- Black (24%)



- Cyan (85%)
- Magenta (47%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.7460, -8.5178, -35.3350 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 46.7460, -8.5178, -35.3350 by changing the saturation by 10% instead.

■ 46.7460, -8.5178,
-35.3350

■ 46.7460, -8.5178,
-35.3350

161.7948,
-17.8835, -39.9006

■ 37.0792, -7.5291,
-34.7074

■ 68.1926, -10.5101,
-36.6231

■ 28.1887, -6.5387,
-34.1821

■ 79.8854, -11.5214,
-37.2294

■ 20.1505, -5.5351,
-33.9311

■ 92.1793, -12.5453,
-37.7941

■ 13.0669, -4.4979,
-34.4044

■ 105.0462,
-13.5829, -38.3125

■ 6.5457, -5.5567,
-40.9905

■ 118.4616,
-14.6350, -38.7824

0.0000, NaN, -NF

132.4040,

0.0000, NaN, -NF

-15.7022, -39.2035

0.0000, NaN, NaN

146.8542,
-16.7850, -39.5759

0.0000, NaN, NaN

■ 46.7460, -8.5178,
-35.3350

■ 46.7460, -8.5178,
-35.3350

■ 44.3433, -6.2968,
-40.2446

■ 49.3571, -10.0495,
-30.3681

■ 42.2925, -3.7647,
-44.7351

■ 52.1706, -10.8975,
-25.3809

■ 55.1782, -11.0938,
-20.4058

■ 58.3685, -10.6861,
-15.4698

■ 61.7288, -9.7288,
-10.5925

■ 65.2468, -8.2773,
-5.7865

■ 68.9104, -6.3847,
-1.0585

■ 72.7084, -4.1002,
3.5894

■ 76.6305, -1.4679,
8.1579

Harmonies

Analogous

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



46.7468, -21.0041, -24.4256



46.7460, -8.5178, -35.3350



46.7468, 7.3500, -33.9039

Triad

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



46.7468, -8.5173, -35.3340



46.7468, 29.8716, 10.6828



46.7468, -22.9967, 17.9518

Complementary

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



46.7460, -8.5178, -35.3350



44.1351, 29.2550, 25.3551

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.



46.7468, -11.5905, 22.4655



46.7460, -8.5178, -35.3350



46.7468, 19.4298, 19.3278

Square

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



46.7468, -8.5173, -35.3340



46.7468, 30.9813, -3.7239



46.7468, 3.8447, 22.8680



46.7468, -28.5931, 8.0496

Rectangle

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



46.7460, -8.5178, -35.3350



46.7468, 17.7449, -26.2030



46.7468, 3.8447, 22.8680



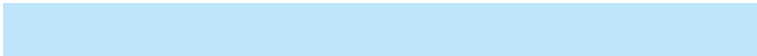
46.7468, -19.7900, 19.9855

Sweetspot

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



46.7468, -8.5173, -35.3340



85.6220, -11.8391, -10.0185



62.6895, -47.7811, 28.3007



38.8759, -5.8036, -5.7111



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



46.7468, -8.5173, -35.3340



57.0500, -5.5505, -58.8514



27.4207, 30.3038, -91.6629



32.8473, -2.8738, -0.1793



34.7176, -3.4369, -35.9746



8.0519, -1.9986, -5.7497

Inverse Universe

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



37.9990, 60.7973, -11.8652



48.0134, 86.7363, -10.7179



63.3024, -7.4984, 37.2349



31.9109, 1.9729, 0.3014



29.1530, 53.2123, -6.6412



6.1652, 11.4384, -2.8408

Previews

White Background



This preview shows how the HunterLab color 46.7460, -8.5178, -35.3350 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 46.7460, -8.5178, -35.3350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

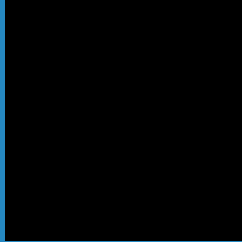
Any Text WCAG AA ✓ Pass

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 46.7460, -8.5178, -35.3350 Background



This preview shows how black text looks on a background with the HunterLab color 46.7460, -8.5178, -35.3350.



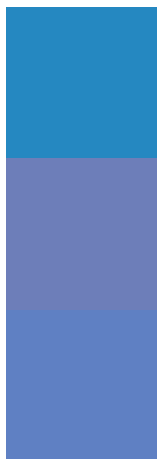
This preview shows how white text looks on a background with the HunterLab color 46.7460, -8.5178, -35.3350.

-35.3350.

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

46.7460, -8.5178, -35.3350

Protanopia

46.5572, 4.8837, -29.6779

Deuteranopia

46.7026, 3.4594, -36.7066



Tritanopia

46.5252, -22.2475, -10.1264

Trichromacy



Original Color

46.7460, -8.5178, -35.3350

Protanomaly

46.2981, -1.4951, -32.4253

Deuteranomaly

46.4580, -1.8532, -36.5414

Tritanomaly

46.5499, -17.7621, -18.8119

Monochromacy



Original Color

46.7460, -8.5178, -35.3350

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

41.9035, -7.4485, -10.5191

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.7460, -8.5178, -35.3350 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(37, 136, 193)` looks like.

```
.text, #text, p{  
    color:rgb(37, 136, 193)  
}
```

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(37, 136, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 136, 193) }
```

Border

The CSS property to change the border of an element to HunterLab 46.7460, -8.5178, -35.3350 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(37, 136, 193) }
```


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

```
.border{ border-color:rgb(37, 136, 193) }
```

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

Here you see how a box with a 4 pixel rgb(37, 136, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 136, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 136, 193);  
box-shadow:4px 4px 4px 4px rgb(37, 136,  
193) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.7460, -8.5178, -35.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 136, 193) }
```

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

```
.background{ background-color: rgb(37, 136,  
193) }
```

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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