

Converting Colors

HunterLab(46.5026, -10.0544,
-30.7499)

Have a look what the booklet for
HunterLab(46.5026, -10.0544,
-30.7499) contains.

HunterLab(46.5026, -10.0544, -30.7499)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**HunterLab(46.5026,
-10.0544, -30.7499)**

Conversions

Conversions Part 1

Format	Color
Hex	2988BA
RGB	41, 136, 186
RGB Percent	16%, 53%, 73%
CMY	0.8392, 0.4667, 0.2706
CMYK	0.78, 0.27, 0.00, 0.27
HSL	201°, 64%, 45%
HSV	201°, 78%, 73%
XYZ	18.5815, 21.6249, 49.6491
YIQ	113.2950, -72.6700, -4.5900

Conversions

Conversions Part 2

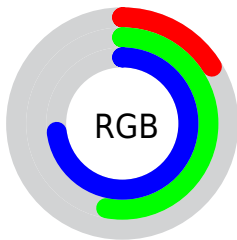
Format	Color
R_{YB}	41, 98, 186
Decimal	2721978
CIE _{Lab}	53.63, -9.92, -33.89
CIE _{LCh}	54, 35.314, 253.680
Yxy	21.6257, 0.2068, 0.2407
Android (android.graphics.Color)	4280912058 (0xFF2988BA)
YUV	113.2950, 35.8436, -63.4027
Hunter-Lab	46.5026, -10.0544, -30.7499

Details

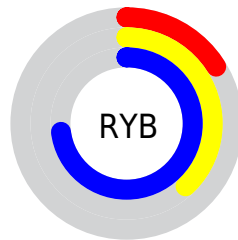
The HunterLab color **46.5026, -10.0544, -30.7499** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **42.5245, 27.9708, 23.7667**, and the grayscale version is **40.6382, -2.1684, 2.2079**.

A 20% lighter version of the original color is **67.8190, -12.3266, -31.8660**, and **28.8947, -3.8542, -27.7957** is the 20% darker color. If you saturate the color by 10%, you get **44.2450, -8.3168, -35.1332**, and if you desaturate by 10%, it is **48.9528, -11.1426, -26.2951**.

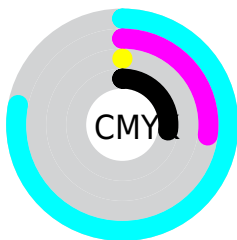
Distribution



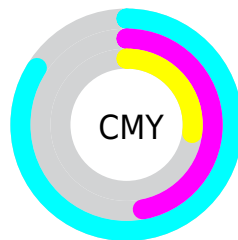
- Red (16%)
- Green (53%)
- Blue (73%)



- Red (16%)
- Yellow (38%)
- Blue (73%)



- Cyan (78%)
- Magenta (27%)
- Yellow (0%)
- Black (27%)



- Cyan (84%)
- Magenta (47%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.5026, -10.0544, -30.7499 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 46.5026, -10.0544, -30.7499 by changing the saturation by 10% instead.

■ 46.5026, -10.0544,
-30.7499

■ 46.5026, -10.0544,
-30.7499

161.4265,
-20.3017, -34.6475

■ 36.8539, -8.9347,
-30.1331

■ 67.9165, -12.2806,
-31.9406

■ 27.9832, -7.8001,
-29.5683

■ 79.5943, -13.3981,
-32.4779

■ 19.9668, -6.6342,
-29.1836

■ 91.8740, -14.5224,
-32.9664

■ 12.9079, -5.4081,
-29.3215

■ 104.7273,
-15.6557, -33.4039

■ 6.3371, -7.1619,
-35.1319

■ 118.1297,
-16.7993, -33.7899

0.0000, NaN, -NF

0.0000, NaN, -NF

132.0595,

-17.9543, -34.1250

0.0000, NaN, NaN

146.4975,
-19.1216, -34.4105

0.0000, NaN, NaN

■ 46.5026, -10.0544,
-30.7499

■ 46.5026, -10.0544,
-30.7499

■ 44.2450, -8.3168,
-35.1332

■ 48.9528, -11.1426,
-26.2951

■ 42.1649, -5.9901,
-39.4454

■ 51.5897, -11.5920,
-21.8023

■ 41.7489, -5.4842,
-40.3438

■ 54.4062, -11.4344,
-17.3003

■ 57.3921, -10.7143,
-12.8140

■ 60.5364, -9.4816,
-8.3621

■ 63.8281, -7.7871,
-3.9577

■ 67.2565, -5.6794,
0.3915

■ 70.8115, -3.2037,
4.6813

■ 74.4836, -0.4008,
8.9107

Harmonies

Analogous

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



46.5034, -20.9604, -19.7354



46.5026, -10.0544, -30.7499



46.5034, 4.2880, -31.2698

Triad

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



46.5034, -10.0540, -30.7490



46.5034, 27.7889, 8.3713



46.5034, -20.1978, 17.9046

Complementary

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



46.5026, -10.0544, -30.7499



42.5245, 27.9708, 23.7667

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.



46.5034, -8.8890, 21.6168



46.5026, -10.0544, -30.7499



46.5034, 19.4209, 17.3632

Square

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



46.5034, -10.0540, -30.7490



46.5034, 27.3771, -5.5458



46.5034, 5.6040, 21.4549



46.5034, -26.3079, 9.3776

Rectangle

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



46.5026, -10.0544, -30.7499



46.5034, 13.9909, -25.3528



46.5034, 5.6040, 21.4549



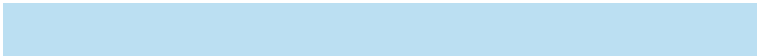
46.5034, -16.9428, 19.6216

Sweetspot

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



46.5034, -10.0540, -30.7490



83.5023, -11.7956, -8.5391



60.2635, -45.3577, 26.9674



38.4367, -5.9021, -5.0214



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



46.5034, -10.0540, -30.7490



57.4243, -8.8554, -51.7075



27.9602, 25.6252, -80.8307



31.1047, -2.7914, -0.0952



34.4528, -4.8291, -32.6384



7.2734, -2.1100, -4.5362

Inverse Universe

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



37.1530, 57.4346, -13.2730



46.8194, 84.0788, -13.9894



60.3177, -6.2948, 34.9942



30.1806, 1.8672, 0.2207



28.2500, 51.7683, -8.0189



5.4083, 10.0924, -2.9431

Previews

White Background



This preview shows how the HunterLab color 46.5026, -10.0544, -30.7499 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 46.5026, -10.0544, -30.7499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

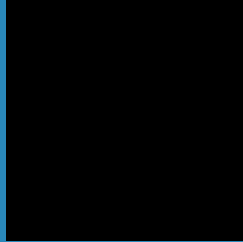
Any Text WCAG AA ✓ Pass

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 46.5026, -10.0544, -30.7499 Background



This preview shows how black text looks on a background with the HunterLab color 46.5026, -10.0544, -30.7499.



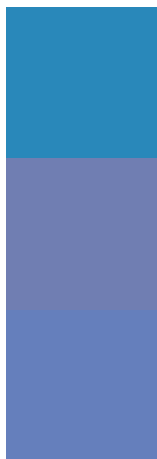
This preview shows how white text looks on a background with the HunterLab color 46.5026, -10.0544, -30.7499.

-10.0544, -30.7499.

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

46.5026, -10.0544, -30.7499

Protanopia

46.4551, 3.9238, -25.0623

Deuteranopia

46.4503, 3.3820, -32.0465

Trichromacy



Original Color

46.5026, -10.0544, -30.7499

Protanomaly

46.1301, -2.7155, -27.8096

Deuteranomaly

46.0602, -2.4131, -32.1776

Monochromacy



Original Color

46.5026, -10.0544, -30.7499

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

41.9457, -7.4385, -9.3536

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.5026, -10.0544, -30.7499 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, 136, 186)` looks like.

```
.text, #text, p{  
    color:rgb(41, 136, 186)  
}
```

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, 136, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 136, 186) }
```

Border

The CSS property to change the border of an element to HunterLab 46.5026, -10.0544, -30.7499 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, 136, 186) }
```

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

```
.border{ border-color:rgb(41, 136, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 136, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 136, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 136, 186);  
box-shadow:4px 4px 4px 4px rgb(41, 136,  
186) }
```


Background

The CSS property to change the background color of an element to HunterLab 46.5026, -10.0544, -30.7499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 136, 186) }
```

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

```
.background{ background-color: rgb(41, 136,  
186) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor