

Converting Colors

HunterLab(41.0306, 11.9993,
-64.5134)

Have a look what the booklet for
HunterLab(41.0306, 11.9993,
-64.5134) contains.

HunterLab(41.0306, 11.9993, -64.5134)	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>	31

Color

**HunterLab(41.0306, 11.9993,
-64.5134)**

Conversions

Conversions Part 1

Format	Color
Hex	3B6ED4
RGB	59, 110, 212
RGB Percent	23%, 43%, 83%
CMY	0.7686, 0.5686, 0.1686
CMYK	0.72, 0.48, 0.00, 0.17
HSL	220°, 64%, 53%
HSV	220°, 72%, 83%
XYZ	19.2632, 16.8351, 64.5215
YIQ	106.3790, -63.1380, 20.9100

Conversions

Conversions Part 2

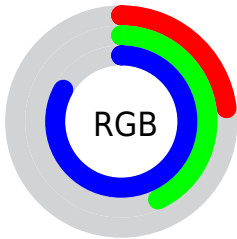
Format	Color
R_{YB}	59, 97, 212
Decimal	3894996
CIE _{Lab}	48.05, 17.61, -57.55
CIE _{LCh}	48, 60.189, 287.017
Yxy	16.8356, 0.1914, 0.1673
Android (android.graphics.Color)	4282085076 (0xFF3B6ED4)
YUV	106.3790, 52.0712, -41.5514
Hunter-Lab	41.0306, 11.9993, -64.5134

Details

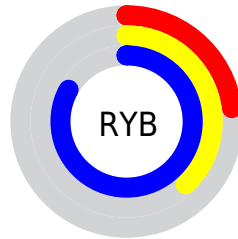
The HunterLab color **41.0306, 11.9993, -64.5134** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **63.0922, 4.7023, 35.0698**, and the grayscale version is **37.9352, -2.0241, 2.0611**.

A 20% lighter version of the original color is **60.8234, 8.3276, -54.5978**, and **24.4731, 14.5248, -61.9441** is the 20% darker color. If you saturate the color by 10%, you get **36.7469, 17.5271, -77.5493**, and if you desaturate by 10%, it is **45.7354, 7.5218, -52.4343**.

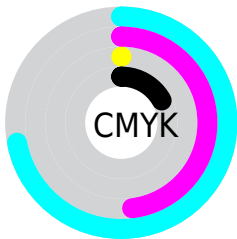
Distribution



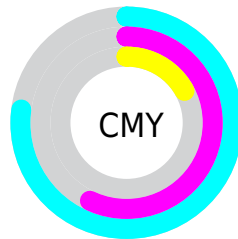
- Red (23%)
- Green (43%)
- Blue (83%)



- Red (23%)
- Yellow (38%)
- Blue (83%)



- Cyan (72%)
- Magenta (48%)
- Yellow (0%)
- Black (17%)



- Cyan (77%)
- Magenta (57%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.0306, 11.9993, -64.5134 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 41.0306, 11.9993, -64.5134 by changing the saturation by 10% instead.

■ 41.0306, 11.9993,
-64.5134

■ 41.0306, 11.9993,
-64.5134

■ 153.0435, 13.0417,
-70.8173

■ 31.8078, 11.4893,
-64.6434

■ 61.6789, 12.7225,
-65.4183

■ 23.4026, 10.8562,
-65.6694

■ 73.0073, 12.9575,
-66.1277

■ 15.9049, 10.0777,
-68.6034

■ 84.9552, 13.1200,
-66.9040

■ 9.4416, 9.1261,
-76.3783

■ 97.4919, 13.2166,
-67.7076

0.0000, INF, -NF

0.0000, NaN, -NF

■ 110.5910, 13.2529,
-68.5138

0.0000, NaN, -NF

124.2293, 13.2334,

0.0000, NaN, -NF

-69.3070

0.0000, NaN, NaN

138.3862, 13.1619,
-70.0770

■ 41.0306, 11.9993,
-64.5134

■ 41.0306, 11.9993,
-64.5134

■ 36.7469, 17.5271,
-77.5493

■ 45.7354, 7.5218,
-52.4343

■ 32.9596, 24.1258,
-91.3155

■ 50.7919, 3.9761,
-41.3418

■ 30.3588, 29.8653,
-102.4165

■ 56.1457, 1.2240,
-31.1578

■ 61.7528, -0.8669,
-21.7670

■ 67.5784, -2.4109,
-13.0489

■ 73.5951, -3.5024,
-4.8928

■ 79.7808, -4.2179,
2.7969

■ 86.1178, -4.6186,
10.1010

■ 92.5916, -4.7539,
17.0860

Harmonies

Analogous

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



41.0312, -11.9275, -66.3496



41.0306, 11.9993, -64.5134



41.0312, 36.7088, -39.6256

Triad

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



41.0312, 12.0003, -64.5123



41.0312, 33.6912, 22.9632



41.0312, -37.7987, 10.8209

Complementary

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



41.0306, 11.9993, -64.5134



63.0922, 4.7023, 35.0698

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.



41.0312, -30.4683, 22.1483



41.0306, 11.9993, -64.5134



41.0312, 8.5464, 25.9907

Square

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



41.0312, 12.0003, -64.5123



41.0312, 51.0494, 12.9939



41.0312, -14.6833, 25.8135



41.0312, -37.2817, -12.5701

Rectangle

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



41.0306, 11.9993, -64.5134



41.0312, 48.6974, -18.5315



41.0312, -14.6833, 25.8135



41.0312, -36.2562, 15.8008

Sweetspot

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



41.0312, 12.0003, -64.5123



83.2363, -2.9604, -16.1520



71.1271, -44.7146, 14.9372



37.5874, -1.1556, -8.8011

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



41.0312, 12.0003, -64.5123



42.5207, 26.1262, -105.2606



31.2903, 43.0769, -97.9897



35.6065, -1.7658, -1.2983



24.1974, 22.5461, -78.9152



7.0941, 2.8240, -14.9632

Inverse Universe

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



42.7223, 56.9753, 6.8499



48.3937, 79.2523, 14.1349



76.0955, -28.3004, 43.1693



35.3389, 1.7615, 1.5958



29.8930, 52.1790, 11.6707



7.4440, 13.1905, 1.3803

Previews

White Background



This preview shows how the HunterLab color 41.0306, 11.9993, -64.5134 looks on a white 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

Black Background



This preview shows how the HunterLab color 41.0306, 11.9993, -64.5134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

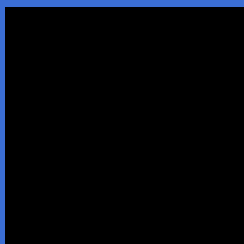
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

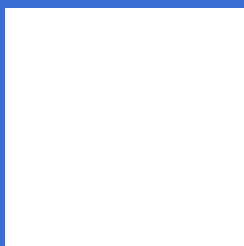
Any Text WCAG AAA × Fail

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

HunterLab 41.0306, 11.9993, -64.5134 Background



This preview shows how black text looks on a background with the HunterLab color 41.0306, 11.9993, -64.5134.



This preview shows how white text looks on a background with the HunterLab color 41.0306, 11.9993, -64.5134.

-64.5134.

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

41.0306, 11.9993, -64.5134

Protanopia

41.0306, 11.9993, -64.5134

Deuteranopia

41.0493, 2.7154, -57.1698



Tritanopia

40.8301, -19.7170, -8.4707

Trichromacy



Original Color

41.0306, 11.9993, -64.5134

Protanomaly

41.0306, 11.9993, -64.5134

Deuteranomaly

40.8645, 5.3179, -60.3748

Tritanomaly

40.2948, -10.1078, -26.3322

Monochromacy



Original Color

41.0306, 11.9993, -64.5134

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

38.3191, 0.4318, -17.8287

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.0306, 11.9993, -64.5134 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(59, 110, 212)` looks like.

```
.text, #text, p{  
    color:rgb(59, 110, 212)  
}
```

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(59, 110, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 110, 212) }
```

Border

The CSS property to change the border of an element to HunterLab 41.0306, 11.9993, -64.5134 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(59, 110, 212) }
```


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

```
.border{ border-color:rgb(59, 110, 212) }
```

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

Here you see how a box with a 4 pixel rgb(59, 110, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 110, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 110, 212);  
box-shadow:4px 4px 4px 4px rgb(59, 110,  
212) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.0306, 11.9993, -64.5134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 110, 212) }
```

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

```
.background{ background-color: rgb(59, 110,  
212) }
```

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