

Converting Colors

HunterLab(19.0494, 11.3901,
-48.3980)

Have a look what the booklet for
HunterLab(19.0494, 11.3901,
-48.3980) contains.

HunterLab(18.9594, 11.6230, -48.7882)	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(18.9594, 11.6230,
-48.7882)**

Conversions

Conversions Part 1

Format	Color
Hex	00307D
RGB	0, 48, 125
RGB Percent	0%, 19%, 49%
CMY	0.9999, 0.8118, 0.5098
CMYK	1.00, 0.62, 0.00, 0.51
HSL	217°, 100%, 25%
HSV	217°, 100%, 49%
XYZ	4.7586, 3.5946, 19.8451
YIQ	42.4260, -53.3250, 13.7710

Conversions

Conversions Part 2

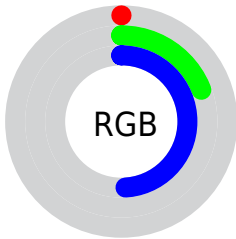
Format	Color
RYB	0, 35, 125
Decimal	12413
CIELab	22.28, 19.27, -47.39
CIElCh	22, 51.158, 292.129
Yxy	3.5947, 0.1688, 0.1275
Android (android.graphics.Color)	4278202493 (0xFF00307D)
YUV	42.4260, 40.7090, -37.2076
Hunter-Lab	18.9594, 11.6230, -48.7882

Details

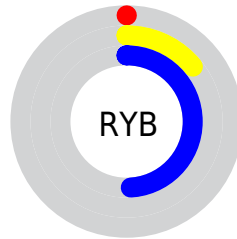
The HunterLab color **18.9594, 11.6230, -48.7882** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **31.0969, 9.3685, 19.3249**, and the grayscale version is **15.2406, -0.8132, 0.8281**.

A 20% lighter version of the original color is **35.4677, 13.0742, -48.3257**, and **7.4257, 18.0550, -48.2572** is the 20% darker color. If you saturate the color by 10%, you get **18.9572, 11.6283, -48.7970**, and if you desaturate by 10%, it is **20.8855, 8.4085, -42.0624**.

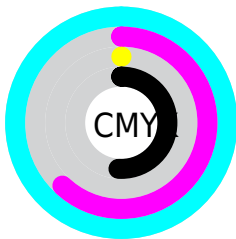
Distribution



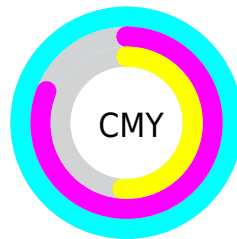
- Red (0%)
- Green (19%)
- Blue (49%)



- Red (0%)
- Yellow (14%)
- Blue (49%)



- Cyan (100%)
- Magenta (62%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (81%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.9594, 11.6230, -48.7882 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 18.9594, 11.6230, -48.7882 by changing the saturation by 10% instead.

■ 18.9594, 11.6230,
-48.7882

■ 18.9594, 11.6230,
-48.7882

■ 116.2971, 15.1449,
-53.0060

■ 12.0396, 10.6551,
-51.1580

■ 35.6148, 13.0966,
-48.3407

■ 5.0278, 16.4329,
-75.3503

■ 45.1633, 13.6453,
-48.8235

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 55.4393, 14.0918,
-49.4656

0.0000, NaN, NaN

■ 66.3945, 14.4484,
-50.1770

0.0000, NaN, NaN

■ 77.9890, 14.7249,
-50.9090

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 90.1895, 14.9291,

-51.6341

0.0000, NaN, NaN

102.9672, 15.0673,
-52.3363

18.9594, 11.6230,
-48.7882

18.9594, 11.6230,
-48.7882

18.9572, 11.6283,
-48.7970

20.8855, 8.4085,
-42.0624

22.9940, 5.5836,
-35.7619

25.3045, 3.2834,
-29.8104

27.7902, 1.4661,
-24.2445

30.4272, 0.0735,
-19.0565

■ 33.1954, -0.9548,
-14.2160

■ 36.0782, -1.6739,
-9.6831

■ 39.0621, -2.1316,
-5.4168

■ 42.1358, -2.3680,
-1.3788

Harmonies

Analogous

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



18.9596, -4.9382, -54.3413



18.9594, 11.6230, -48.7882



18.9596, 28.8545, -26.0694

Triad

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



18.9596, 11.6240, -48.7877



18.9596, 21.0699, 13.2717



18.9596, -22.4784, 4.5303

Complementary

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



18.9594, 11.6230, -48.7882



31.0969, 9.3685, 19.3249

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.



18.9596, -19.3208, 11.7381



18.9594, 11.6230, -48.7882



18.9596, 3.2607, 13.2717

Square

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



18.9596, 11.6240, -48.7877



18.9596, 35.4211, 8.9271



18.9596, -11.0172, 13.2717



18.9596, -21.5289, -13.1227

Rectangle

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



18.9594, 11.6230, -48.7882



18.9596, 36.6883, -9.9433



18.9596, -11.0172, 13.2717



18.9596, -21.9109, 7.8529

Sweetspot

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



18.9596, 11.6240, -48.7877



47.9897, -2.1816, -13.3929



38.9558, -28.7476, 13.3680



22.2486, -0.8984, -7.3670



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



18.9596, 11.6240, -48.7877



24.8364, 16.8160, -67.3442



12.5018, 33.2458, -83.7294



21.1220, -1.1850, -0.5164



19.3333, 11.9579, -49.9787

0.0000, NaN, NaN

Inverse Universe

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



21.3863, 37.6183, 6.0845



28.5704, 50.1704, 8.8288



42.5971, -15.5442, 25.9754



20.9033, 0.9137, 0.8407



21.8445, 38.4226, 6.2617

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 18.9594, 11.6230, -48.7882 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 18.9594, 11.6230, -48.7882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

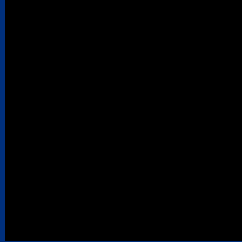
Any Text WCAG AA × Fail

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 18.9594, 11.6230, -48.7882 Background



This preview shows how black text looks on a background with the HunterLab color 18.9594, 11.6230, -48.7882.



This preview shows how white text looks on a background with the HunterLab color 18.9594, 11.6230, -48.7882.

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

18.9594, 11.6230, -48.7882

Protanopia

18.9256, 5.0075, -34.4651

Deuteranopia

19.0696, -1.2229, -21.1955



Tritanopia

18.9786, -9.3111, -3.6216

Trichromacy



Original Color

18.9594, 11.6230, -48.7882

Protanomaly

18.9880, 6.9901, -38.8230

Deuteranomaly

18.8842, 3.0881, -30.2699

Tritanomaly

18.7089, -3.2221, -16.4289

Monochromacy



Original Color

18.9594, 11.6230, -48.7882

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

15.8185, 0.7807, -13.2185

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.9594, 11.6230, -48.7882 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(0, 48, 125)` looks like.

```
.text, #text, p{  
    color:rgb(0, 48, 125)  
}
```

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(0, 48, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 48, 125) }
```

Border

The CSS property to change the border of an element to HunterLab 18.9594, 11.6230, -48.7882 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(0, 48, 125) }
```


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

```
.border{ border-color:rgb(0, 48, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 48, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 48, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 48, 125);  
box-shadow:4px 4px 4px 4px rgb(0, 48, 125)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.9594, 11.6230, -48.7882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 48, 125) }
```

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

```
.background{ background-color: rgb(0, 48,  
125) }
```

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