

Converting Colors

HunterLab(19.1350, -4.0485,
-11.1700)

Have a look what the booklet for
HunterLab(19.1350, -4.0485,
-11.1700) contains.

HunterLab(19.0505, -3.8893, -11.3510)	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(19.0505, -3.8893,
-11.3510)**

Conversions

Conversions Part 1

Format	Color
Hex	13394F
RGB	19, 57, 79
RGB Percent	7%, 22%, 31%
CMY	0.9255, 0.7765, 0.6902
CMYK	0.76, 0.28, 0.00, 0.69
HSL	202°, 61%, 19%
HSV	202°, 76%, 31%
XYZ	3.1430, 3.6292, 7.9320
YIQ	48.1460, -29.7100, -1.2140

Conversions

Conversions Part 2

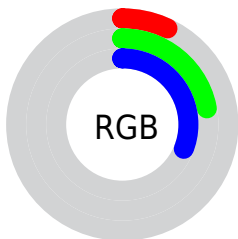
Format	Color
R _Y B	19, 42, 79
Decimal	1259855
CIE Lab	22.41, -5.06, -17.31
CIE LCh	22, 18.035, 253.721
Yxy	3.6293, 0.2138, 0.2468
Android (android.graphics.Color)	4279449935 (0xFF13394F)
YUV	48.1460, 15.2110, -25.5610
Hunter-Lab	19.0505, -3.8893, -11.3510

Details

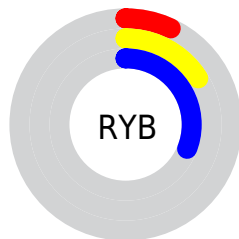
The HunterLab color **19.0505, -3.8893, -11.3510** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **18.1532, 8.8921, 9.3289**, and the grayscale version is **17.1993, -0.9177, 0.9345**.

A 20% lighter version of the original color is **35.7753, -5.5016, -11.8970**, and **6.5987, 0.9068, -10.2054** is the 20% darker color. If you saturate the color by 10%, you get **18.1229, -3.4011, -13.0925**, and if you desaturate by 10%, it is **20.0430, -4.1608, -9.6044**.

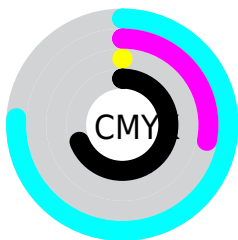
Distribution



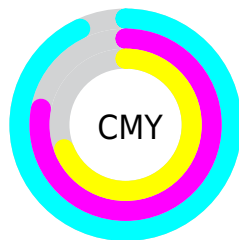
- Red (7%)
- Green (22%)
- Blue (31%)



- Red (7%)
- Yellow (16%)
- Blue (31%)



- Cyan (76%)
- Magenta (28%)
- Yellow (0%)
- Black (69%)



- Cyan (93%)
- Magenta (78%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.0505, -3.8893, -11.3510 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 19.0505, -3.8893, -11.3510 by changing the saturation by 10% instead.

■ 19.0505, -3.8893,
-11.3510

■ 19.0505, -3.8893,
-11.3510

■ 116.4640,
-11.5856, -12.7133

■ 12.1180, -3.0902,
-10.9139

■ 35.7273, -5.4871,
-12.1127

■ 5.1611, -4.5440,
-14.8344

■ 45.2851, -6.3033,
-12.3905

0.0000, NaN, -NF

■ 55.5697, -7.1360,
-12.5978

0.0000, NaN, NaN

■ 66.5329, -7.9869,
-12.7384

0.0000, NaN, NaN

■ 78.1351, -8.8570,
-12.8163

0.0000, NaN, NaN


■ 90.3429, -9.7467,


0.0000, NaN, NaN


0.0000, NaN, NaN


-12.8357


0.0000, NaN, NaN


 103.1275,
-10.6562, -12.8002


 19.0505, -3.8893,
-11.3510


 19.0505, -3.8893,
-11.3510


 18.1229, -3.4011,
-13.0925


 20.0430, -4.1608,
-9.6044


 17.2366, -2.7800,
-14.8723

 21.0967, -4.2263,
-7.8634

 16.8775, -2.5316,
-15.6305

 22.2085, -4.0996,
-6.1353

 23.3748, -3.7964,
-4.4260

 24.5919, -3.3330,
-2.7393

■ 25.8563, -2.7249,
-1.0773

■ 27.1647, -1.9868,
0.5588

■ 28.5140, -1.1322,
2.1692

■ 29.9013, -0.1729,
3.7545

Harmonies

Analogous

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



19.0508, -8.0667, -7.2976



19.0505, -3.8893, -11.3510



19.0508, 1.5534, -11.5359

Triad

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



19.0508, -3.8892, -11.3506



19.0508, 10.3691, 3.2698



19.0508, -7.7826, 6.9637

Complementary

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



19.0505, -3.8893, -11.3510



18.1532, 8.8921, 9.3289

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.



19.0508, -3.4589, 8.4440



19.0505, -3.8893, -11.3510



19.0508, 7.2339, 6.7569

Square

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



19.0508, -3.8892, -11.3506



19.0508, 10.2199, -2.0004



19.0508, 2.0350, 8.3809



19.0508, -10.1342, 3.6443

Rectangle

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



19.0505, -3.8893, -11.3510



19.0508, 5.2087, -9.3576



19.0508, 2.0350, 8.3809



19.0508, -6.5344, 7.6447

Sweetspot

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



19.0508, -3.8892, -11.3506



32.4047, -4.1908, -3.1055



24.2706, -16.9905, 9.5327



16.0086, -2.1658, -1.7731



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



19.0508, -3.8892, -11.3506



22.6904, -3.6928, -18.9293



12.1943, 8.9888, -28.2945



13.4260, -1.0996, 0.0622



21.6657, -2.7711, -21.0982



51.0316, -3.9884, -55.1752

Inverse Universe

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



15.5678, 20.8670, -4.7846



18.5499, 31.2538, -5.4843



24.9317, -3.5702, 13.8348



13.1071, 0.5461, 0.2254



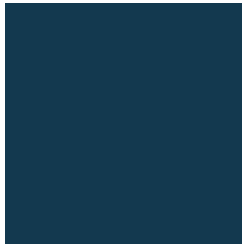
17.8936, 32.7502, -4.7703



43.3537, 78.9847, -8.7302

Previews

White Background



This preview shows how the HunterLab color 19.0505, -3.8893, -11.3510 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



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 19.0505, -3.8893, -11.3510 Background



This preview shows how black text looks on a background with the HunterLab color 19.0505, -3.8893, -11.3510.



This preview shows how white text looks on a background with the HunterLab color 19.0505, -3.8893, -11.3510.

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

19.0505, -3.8893, -11.3510

Protanopia

19.1634, 1.3931, -9.3219

Deuteranopia

19.0201, 1.2127, -11.9167

Trichromacy



Original Color

19.0505, -3.8893, -11.3510

Protanomaly

18.8877, -0.7168, -10.4140

Deuteranomaly

18.8616, -0.5775, -12.2444

Monochromacy



Original Color

19.0505, -3.8893, -11.3510

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

17.5406, -2.8516, -3.2274

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.0505, -3.8893, -11.3510 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(19, 57, 79)` looks like.

```
.text, #text, p{  
    color:rgb(19, 57, 79)  
}
```

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(19, 57, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 57, 79) }
```

Border

The CSS property to change the border of an element to HunterLab 19.0505, -3.8893, -11.3510 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(19, 57, 79) }
```

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

```
.border{ border-color:rgb(19, 57, 79) }
```

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

Here you see how a box with a 4 pixel rgb(19, 57, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 57, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 57, 79);  
box-shadow:4px 4px 4px 4px rgb(19, 57, 79)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 19.0505, -3.8893, -11.3510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 57, 79) }
```

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

```
.background{ background-color: rgb(19, 57,  
79) }
```

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