

Converting Colors

HunterLab(20.1562, -9.2433,
11.6938)

Have a look what the booklet for
HunterLab(20.1562, -9.2433,
11.6938) contains.

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Color

**HunterLab(20.1617, -9.3134,
11.6694)**

Conversions

Conversions Part 1

Format	Color
Hex	2F3E07
RGB	47, 62, 7
RGB Percent	18%, 24%, 3%
CMY	0.8157, 0.7569, 0.9725
CMYK	0.24, 0.00, 0.89, 0.76
HSL	76°, 80%, 14%
HSV	76°, 89%, 24%
XYZ	2.9333, 4.0649, 0.8310
YIQ	51.2450, 8.7150, -20.2850

Conversions

Conversions Part 2

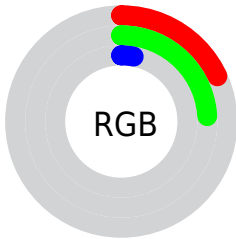
Format	Color
R_{YB}	7, 62, 22
Decimal	3096071
CIE _{Lab}	23.89, -15.08, 29.29
CIE _{LCh}	24, 32.950, 117.245
Yxy	4.0651, 0.3747, 0.5192
Android (android.graphics.Color)	4281286151 (0xFF2F3E07)
YUV	51.2450, -21.8128, -3.7229
Hunter-Lab	20.1617, -9.3134, 11.6694

Details

The HunterLab color **20.1617, -9.3134, 11.6694** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **8.1879, 13.4991, -27.7211**, and the grayscale version is **18.3463, -0.9789, 0.9968**.

A 20% lighter version of the original color is **37.2046, -12.6304, 17.3366**, and **7.3235, -6.2799, 4.4027** is the 20% darker color. If you saturate the color by 10%, you get **20.0303, -9.8963, 12.1012**, and if you desaturate by 10%, it is **20.2986, -8.7154, 11.2231**.

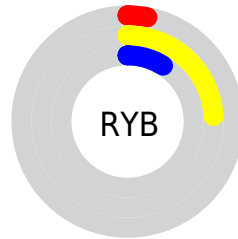
Distribution



Red (18%)

Green (24%)

Blue (3%)



Red (3%)

Yellow (24%)

Blue (9%)

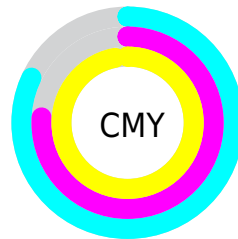


Cyan (24%)

Magenta (0%)

Yellow (89%)

Black (76%)



Cyan (82%)

Magenta (76%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.1617, -9.3134, 11.6694 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 20.1617, -9.3134, 11.6694 by changing the saturation by 10% instead.

20.1617, -9.3134,
11.6694

20.1617, -9.3134,
11.6694

118.4826,
-22.1427, 32.7110

13.0769, -7.6153,
9.1538

37.0934, -12.3819,
17.1653

6.5586, -10.3722,
4.5910

46.7621, -13.8292,
19.6443

0.0000, NaN, NaN

0.0000, NaN, NaN

57.1499, -15.2450,
21.9998

0.0000, NaN, NaN

68.2100, -16.6404,
24.2610

0.0000, NaN, NaN

79.9038, -18.0231,
26.4489

0.0000, NaN, NaN

0.0000, NaN, NaN

92.1985, -19.3985,

■ 105.0663,
-20.7707, 30.6635

■ 20.1617, -9.3134,
11.6694

■ 20.1617, -9.3134,
11.6694

■ 20.0303, -9.8963,
12.1012

■ 20.2986, -8.7154,
11.2231

■ 20.0134, -9.9710,
12.1576

■ 20.4492, -8.0451,
10.6210

■ 20.6162, -7.2921,
9.8320

■ 20.8001, -6.4545,
8.8488

■ 21.0013, -5.5317,
7.6666

■ 21.2203, -4.5239,
6.2829

■ 21.4571, -3.4323,
4.6970

■ 21.7120, -2.2584,
2.9101

■ 21.9850, -1.0046,
0.9248

Harmonies

Analogous

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



20.1622, -0.1228, 12.4132



20.1617, -9.3134, 11.6694



20.1622, -15.0947, 8.8228

Triad

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



20.1622, -9.3139, 11.6695



20.1622, -10.6529, -21.8293



20.1622, 22.5693, 0.1773

Complementary

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



20.1617, -9.3134, 11.6694



8.1879, 13.4991, -27.7211

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.



20.1622, 18.2731, -11.8764



20.1617, -9.3134, 11.6694



20.1622, -2.0136, -27.9614

Square

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



20.1622, -9.3139, 11.6695



20.1622, -15.7526, -9.4839



20.1622, 8.7402, -23.6286



20.1622, 19.5579, 7.9213

Rectangle

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



20.1617, -9.3134, 11.6694



20.1622, -16.8972, 4.8067



20.1622, 8.7402, -23.6286



20.1622, 21.9151, -3.4857

Sweetspot

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



20.1622, -9.3139, 11.6695



27.9570, -5.8941, 8.1840



12.6521, 10.3882, 7.0358



14.3264, -3.0908, 4.2933



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



20.1622, -9.3139, 11.6695



26.2959, -13.3585, 15.9696



18.9942, -14.0101, 10.8312



11.4602, -1.1724, 1.5057



30.5270, -15.6433, 18.5367



77.3145, -40.9928, 46.9232

Inverse Universe

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



8.1879, 13.4991, -27.7211



8.8127, 21.9356, -47.3561



10.7563, 18.0224, -18.1790



10.7605, 0.0088, -0.3606



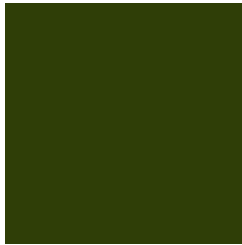
10.1518, 25.4077, -55.6293



24.9851, 63.8632, -147.2290

Previews

White Background



This preview shows how the HunterLab color 20.1617, -9.3134, 11.6694 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

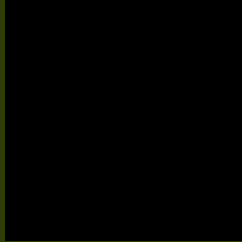
Any Text WCAG AA × Fail

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 20.1617, -9.3134, 11.6694 Background



This preview shows how black text looks on a background with the HunterLab color 20.1617, -9.3134, 11.6694.



This preview shows how white text looks on a background with the HunterLab color 20.1617, -9.3134,

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

20.1617, -9.3134, 11.6694

Protanopia

20.0679, -3.0541, 11.8881

Deuteranopia

20.1125, 0.8743, 11.2860



Tritanopia

20.2583, -1.9805, -0.8899

Trichromacy



Original Color

20.1617, -9.3134, 11.6694

Protanomaly

20.1013, -5.5023, 11.7818

Deuteranomaly

20.0179, -3.1671, 11.3418

Tritanomaly

19.9329, -5.3553, 5.6732

Monochromacy



Original Color

20.1617, -9.3134, 11.6694

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

18.7932, -4.5366, 6.4843

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.1617, -9.3134, 11.6694 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(47, 62, 7)` looks like.

```
.text, #text, p{  
    color:rgb(47, 62, 7)  
}
```

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(47, 62, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 62, 7) }
```

Border

The CSS property to change the border of an element to HunterLab 20.1617, -9.3134, 11.6694 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(47, 62, 7) }
```


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

```
.border{ border-color:rgb(47, 62, 7) }
```

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

Here you see how a box with a 4 pixel rgb(47, 62, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 62, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(47, 62, 7); box-shadow:4px  
4px 4px 4px rgb(47, 62, 7) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.1617, -9.3134, 11.6694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 62, 7) }
```

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

```
.background{ background-color: rgb(47, 62,  
7) }
```

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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