

Converting Colors

HunterLab(32.9849, -11.4854,
19.4025)

Have a look what the booklet for
HunterLab(32.9849, -11.4854,
19.4025) contains.

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Color

**HunterLab(33.0014,
-11.4159, 19.3890)**

Conversions

Conversions Part 1

Format	Color
Hex	59620E
RGB	89, 98, 14
RGB Percent	35%, 38%, 5%
CMY	0.6510, 0.6157, 0.9451
CMYK	0.09, 0.00, 0.86, 0.62
HSL	66°, 75%, 22%
HSV	66°, 86%, 38%
XYZ	8.5668, 10.8909, 2.0661
YIQ	85.7330, 21.6000, -28.0320

Conversions

Conversions Part 2

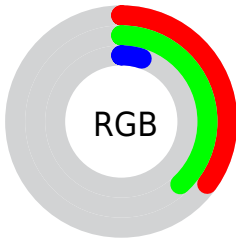
Format	Color
R_{YB}	14, 98, 23
Decimal	5857806
CIE Lab	39.40, -14.60, 42.16
CIE LCh	39, 44.620, 109.097
Yxy	10.8914, 0.3980, 0.5060
Android (android.graphics.Color)	4284047886 (0xFF59620E)
YUV	85.7330, -35.3644, 2.8652
Hunter-Lab	33.0014, -11.4159, 19.3890

Details

The HunterLab color $[33.0014, -11.4159, 19.3890]$ is a dark color, and the websafe version is hex 666600 . A complement of this color would be $[11.7403, 20.7390, -50.7618]$, and the grayscale version is $[30.5283, -1.6289, 1.6587]$.

A 20% lighter version of the original color is $[52.5728, -14.2974, 26.3320]$, and $[17.0502, -7.8208, 10.3693]$ is the 20% darker color. If you saturate the color by 10%, you get $[32.8897, -11.9102, 19.8403]$, and if you desaturate by 10%, it is $[33.1318, -10.8281, 18.6987]$.

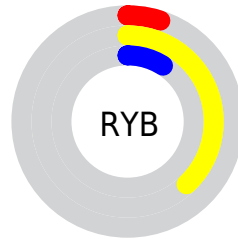
Distribution



Red (35%)

Green (38%)

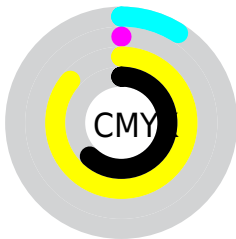
Blue (5%)



Red (5%)

Yellow (38%)

Blue (9%)

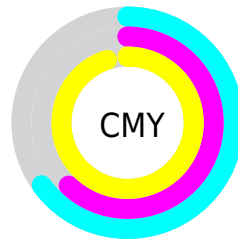


Cyan (9%)

Magenta (0%)

Yellow (86%)

Black (62%)



Cyan (65%)

Magenta (62%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.0014, -11.4159, 19.3890 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 33.0014, -11.4159, 19.3890 by changing the saturation by 10% instead.

■ 33.0014, -11.4159,
19.3890

■ 33.0014, -11.4159,
19.3890

■ 140.3286,
-23.7476, 46.0930

■ 24.4824, -9.9277,
15.6952

■ 52.4015, -14.2492,
26.2475

■ 16.8563, -8.3488,
11.7994

■ 63.1651, -15.6250,
29.3963

■ 10.2444, -6.9084,
7.1711

■ 74.5787, -16.9867,
32.4058

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 86.6075, -18.3403,
35.3017

0.0000, NaN, NaN

■ 99.2213, -19.6904,
38.1042

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 112.3942,

-21.0400, 40.8289

0.0000, NaN, NaN

126.1033,
-22.3918, 43.4885

33.0014, -11.4159,
19.3890

33.0014, -11.4159,
19.3890

32.8897, -11.9102,
19.8403

33.1318, -10.8281,
18.6987

32.8423, -12.1178,
20.0252

33.2842, -10.1135,
17.6896

33.4610, -9.2643,
16.3372

33.6638, -8.2739,
14.6227

33.8937, -7.1378,
12.5324

■ 34.1518, -5.8532,
10.0571

■ 34.4388, -4.4191,
7.1915

■ 34.7553, -2.8355,
3.9341

■ 35.1016, -1.1041,
0.2866

Harmonies

Analogous

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



33.0022, 4.3869, 19.7231



33.0014, -11.4159, 19.3890



33.0022, -22.2939, 15.9770

Triad

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



33.0022, -11.4169, 19.3892



33.0022, -19.9034, -29.6784



33.0022, 35.0612, -4.3654

Complementary

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



33.0014, -11.4159, 19.3890



11.7403, 20.7390, -50.7618

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.



33.0022, 25.4701, -24.3456



33.0014, -11.4159, 19.3890



33.0022, -7.4926, -43.0310

Square

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



33.0022, -11.4169, 19.3892



33.0022, -26.4947, -9.5417



33.0022, 9.1472, -40.7091



33.0022, 33.4449, 10.1483

Rectangle

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



33.0014, -11.4159, 19.3890



33.0022, -26.2646, 10.7729



33.0022, 9.1472, -40.7091



33.0022, 32.9771, -10.7316

Sweetspot

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



33.0022, -11.4169, 19.3892



45.1706, -7.9389, 13.6868



17.9386, 22.4530, 10.0731



21.9834, -4.0649, 7.0515



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



33.0022, -11.4169, 19.3892



43.4448, -16.1570, 26.4877



30.6372, -20.7110, 17.7116



17.1944, -1.6628, 2.4830



37.8838, -14.0378, 23.0981



87.4306, -32.9442, 53.2976

Inverse Universe

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



11.7403, 20.7390, -50.7618



12.7910, 33.9863, -85.3880



15.1646, 26.4603, -35.3734



15.8979, -0.0556, -0.8159



11.1922, 29.6589, -74.0993



25.4736, 68.2508, -174.4407

Previews

White Background



This preview shows how the HunterLab color 33.0014, -11.4159, 19.3890 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 33.0014, -11.4159, 19.3890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

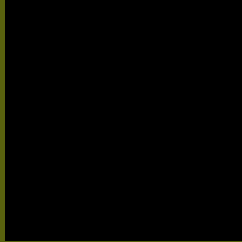
Any Text WCAG AA × Fail

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 33.0014, -11.4159, 19.3890 Background



This preview shows how black text looks on a background with the HunterLab color 33.0014, -11.4159, 19.3890.



This preview shows how white text looks on a background with the HunterLab color 33.0014,

-11.4159, 19.3890.

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

33.0014, -11.4159, 19.3890

Protanopia

32.9522, -4.5458, 19.5996

Deuteranopia

32.8869, 1.9419, 19.0197



Tritanopia

32.9406, 0.7126, -0.4881

Trichromacy



Original Color

33.0014, -11.4159, 19.3890

Protanomaly

32.9638, -7.2703, 19.5000

Deuteranomaly

32.8995, -3.3194, 19.1831

Tritanomaly

32.7686, -5.4323, 10.4887

Monochromacy



Original Color

33.0014, -11.4159, 19.3890

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

31.0883, -6.1611, 10.8956

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.0014, -11.4159, 19.3890 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(89, 98, 14)` looks like.

```
.text, #text, p{  
    color:rgb(89, 98, 14)  
}
```

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(89, 98, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 98, 14) }
```

Border

The CSS property to change the border of an element to HunterLab 33.0014, -11.4159, 19.3890 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(89, 98, 14) }
```


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

```
.border{ border-color:rgb(89, 98, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 98, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 98, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 98, 14);  
box-shadow:4px 4px 4px 4px rgb(89, 98, 14)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.0014, -11.4159, 19.3890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 98, 14) }
```

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

```
.background{ background-color: rgb(89, 98,  
14) }
```

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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