

Converting Colors

HunterLab(33.1946, -4.0851,
1.4683)

Have a look what the booklet for
HunterLab(33.1946, -4.0851, 1.4683)
contains.

HunterLab(33.1946, -4.0851, 1.4683)	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(33.1946, -4.0851,
1.4683)**

Conversions

Conversions Part 1

Format	Color
Hex	575F5E
RGB	87, 95, 94
RGB Percent	34%, 37%, 37%
CMY	0.6588, 0.6274, 0.6314
CMYK	0.08, 0.00, 0.01, 0.63
HSL	172°, 4%, 36%
HSV	172°, 8%, 37%
XYZ	10.0431, 11.0188, 12.1872
YIQ	92.4940, -4.4470, -2.0070

Conversions

Conversions Part 2

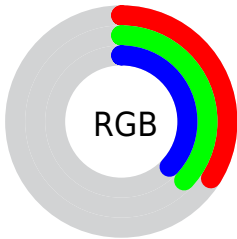
Format	Color
R_{YB}	87, 91, 95
Decimal	5726046
CIE _{Lab}	39.61, -3.33, -0.50
CIE _{LCh}	40, 3.365, 188.573
Yxy	11.0193, 0.3021, 0.3314
Android (android.graphics.Color)	4283916126 (0xFF575F5E)
YUV	92.4940, 0.7425, -4.8182
Hunter-Lab	33.1946, -4.0851, 1.4683

Details

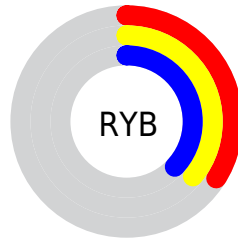
The HunterLab color $33.1946, -4.0851, 1.4683$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $31.5502, 0.7377, 2.1030$, and the grayscale version is $32.8965, -1.7553, 1.7873$.

A 20% lighter version of the original color is $52.5193, -5.3223, 2.4818$, and $17.0360, -2.7106, 0.7182$ is the 20% darker color. If you saturate the color by 10%, you get $32.5123, -6.6007, 1.1129$, and if you desaturate by 10%, it is $33.9538, -1.3623, 1.9140$.

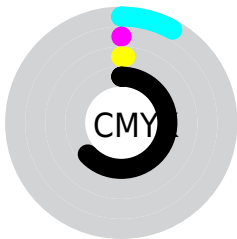
Distribution



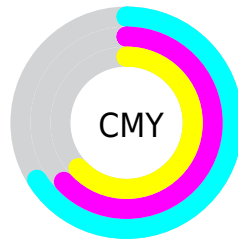
- Red (34%)
- Green (37%)
- Blue (37%)



- Red (34%)
- Yellow (36%)
- Blue (37%)



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (63%)



- Cyan (66%)
- Magenta (63%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.1946, -4.0851, 1.4683 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 33.1946, -4.0851, 1.4683 by changing the saturation by 10% instead.

■ 33.1946, -4.0851,
1.4683

■ 33.1946, -4.0851,
1.4683

140.6413,
-11.2865, 7.1102

■ 24.6573, -3.4051,
1.0356

■ 52.6268, -5.5176,
2.4709

■ 17.0108, -2.7449,
0.6546

■ 63.4048, -6.2701,
3.0326

■ 10.3753, -2.0982,
0.3339

■ 74.8321, -7.0471,
3.6310

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 86.8738, -7.8483,
4.2640

0.0000, NaN, NaN

■ 99.4999, -8.6732,
4.9299

0.0000, NaN, NaN

112.6846, -9.5216,

0.0000, NaN, NaN

126.4051,
-10.3928, 6.3542

■ 33.1946, -4.0851,
1.4683

■ 33.1946, -4.0851,
1.4683

■ 32.5123, -6.6007,
1.1129

■ 33.9538, -1.3623,
1.9140

■ 31.9060, -8.8880,
0.8499

■ 34.7860, 1.5492,
2.4439

■ 31.3768, -10.9311,
0.6819

■ 35.6896, 4.6281,
3.0533

■ 30.9244, -12.7172,
0.6095

■ 36.6622, 7.8537,
3.7366

■ 30.5475, -14.2382,
0.6316

■ 37.7009, 11.2066,
4.4877

■ 30.2436, -15.4918,
0.7448

■ 38.8028, 14.6686,
5.3009

■ 30.0092, -16.4830,
0.9436

■ 39.9649, 18.2233,
6.1705

■ 29.8391, -17.2246,
1.2202

■ 41.1841, 21.8558,
7.0910

■ 29.7046, -17.8269,
1.5372

■ 42.4575, 25.5532,
8.0574

Harmonies

Analogous

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



33.1953, -3.9520, 2.6206



33.1946, -4.0851, 1.4683



33.1953, -3.6069, 0.3692

Triad

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



33.1953, -4.0858, 1.4688



33.1953, -0.2812, -0.0058



33.1953, -0.9021, 3.8392

Complementary

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



33.1946, -4.0851, 1.4683



31.5502, 0.7377, 2.1030

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.



33.1953, 0.1016, 3.1831



33.1946, -4.0851, 1.4683



33.1953, 0.4637, 0.9721

Square

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



33.1953, -4.0858, 1.4688



33.1953, -1.4187, -0.5023



33.1953, 0.6049, 2.1415



33.1953, -2.1258, 3.9613

Rectangle

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



33.1946, -4.0851, 1.4683



33.1953, -3.0006, -0.1765



33.1953, 0.6049, 2.1415



33.1953, -0.5273, 3.6750

Sweetspot

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



33.1953, -4.0858, 1.4688



43.9589, -3.4784, 2.2187



33.0923, -4.8146, 4.1516



21.4870, -1.8154, 1.0677



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



33.1953, -4.0858, 1.4688



43.2666, -5.9853, 1.8259



32.4326, -2.6591, 0.1453



16.9993, -2.1586, 0.7432



35.3798, -21.4106, 1.9976



81.7200, -49.8142, 5.3917

Inverse Universe

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



31.5502, 0.7377, 2.1030



40.6402, 1.7179, 2.8394



32.2839, -0.7053, 3.3209



16.1087, 0.4531, 1.0866



18.6808, 32.1618, 10.7502



43.0890, 74.0088, 26.1560

Previews

White Background



This preview shows how the HunterLab color 33.1946, -4.0851, 1.4683 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 33.1946, -4.0851, 1.4683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

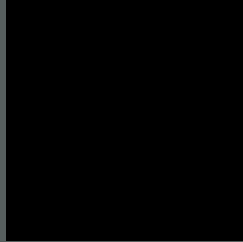
Any Text WCAG AA × Fail

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 33.1946, -4.0851, 1.4683 Background



This preview shows how black text looks on a background with the HunterLab color 33.1946, -4.0851, 1.4683.



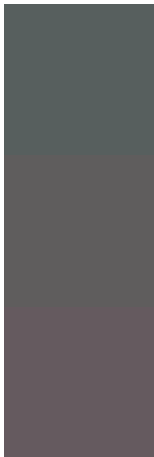
This preview shows how white text looks on a background with the HunterLab color 33.1946, -4.0851, 1.4683.

1.4683.

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

33.1946, -4.0851, 1.4683

Protanopia

33.2444, -1.2122, 1.9945

Deuteranopia

33.0231, 2.1466, 0.9483



Tritanopia

33.1959, -2.2985, -1.5749

Trichromacy



Original Color

33.1946, -4.0851, 1.4683

Protanomaly

33.2732, -2.4776, 2.0060

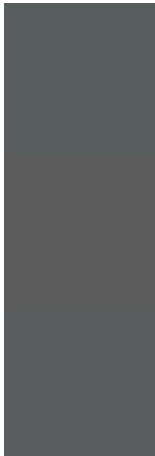
Deuteranomaly

33.1169, -0.1924, 1.0203

Tritanomaly

33.1088, -2.7776, -0.3398

Monochromacy



Original Color

33.1946, -4.0851, 1.4683

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

32.8522, -2.5780, 1.5084

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.1946, -4.0851, 1.4683 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(87, 95, 94)` looks like.

```
.text, #text, p{  
    color:rgb(87, 95, 94)  
}
```

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(87, 95, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 95, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 33.1946, -4.0851, 1.4683 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(87, 95, 94) }
```


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

```
.border{ border-color:rgb(87, 95, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 95, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 95, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 95, 94);  
box-shadow:4px 4px 4px 4px rgb(87, 95, 94)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.1946, -4.0851, 1.4683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 95, 94) }
```

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

```
.background{ background-color: rgb(87, 95,  
94) }
```

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