

Converting Colors

HunterLab(33.9362, -11.6025,
4.5181)

Have a look what the booklet for
HunterLab(33.9362, -11.6025,
4.5181) contains.

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Color

**HunterLab(33.9808,
-11.6046, 4.6266)**

Conversions

Conversions Part 1

Format	Color
Hex	476658
RGB	71, 102, 88
RGB Percent	28%, 40%, 35%
CMY	0.7216, 0.6000, 0.6549
CMYK	0.30, 0.00, 0.14, 0.60
HSL	153°, 18%, 34%
HSV	153°, 30%, 40%
XYZ	9.1114, 11.5469, 10.9811
YIQ	91.1350, -13.9820, -10.9260

Conversions

Conversions Part 2

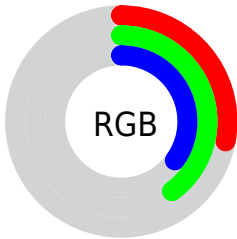
Format	Color
R_{YB}	71, 91, 102
Decimal	4679256
CIE Lab	40.49, -14.65, 4.30
CIE LCh	40, 15.263, 163.649
Yxy	11.5474, 0.2880, 0.3650
Android (android.graphics.Color)	4282869336 (0xFF476658)
YUV	91.1350, -1.5456, -17.6584
Hunter-Lab	33.9808, -11.6046, 4.6266

Details

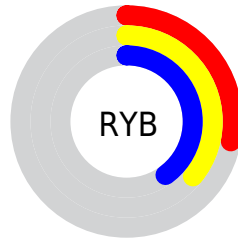
The HunterLab color $33.9808, -11.6046, 4.6266$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $28.2621, 9.7392, -0.4453$, and the grayscale version is $32.4043, -1.7290, 1.7606$.

A 20% lighter version of the original color is $53.4888, -14.4336, 6.0543$, and $17.6450, -8.5915, 3.0427$ is the 20% darker color. If you saturate the color by 10%, you get $33.3461, -14.2451, 5.6054$, and if you desaturate by 10%, it is $34.7056, -8.6817, 3.6969$.

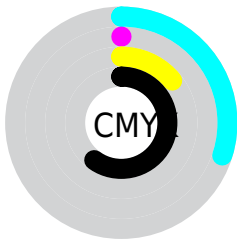
Distribution



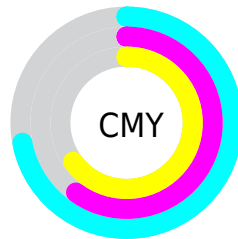
- Red (28%)
- Green (40%)
- Blue (35%)



- Red (28%)
- Yellow (36%)
- Blue (40%)



- Cyan (30%)
- Magenta (0%)
- Yellow (14%)
- Black (60%)



- Cyan (72%)
- Magenta (60%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.9808, -11.6046, 4.6266 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 33.9808, -11.6046, 4.6266 by changing the saturation by 10% instead.

■ 33.9808, -11.6046,
4.6266

■ 33.9808, -11.6046,
4.6266

141.9104,
-23.9472, 12.3212

■ 25.3699, -10.1197,
3.8763

■ 53.5426, -14.4357,
6.1843

■ 17.6413, -8.5490,
3.1381

■ 64.3789, -15.8123,
6.9946

■ 10.9113, -6.8905,
2.4010

■ 75.8613, -17.1753,
7.8270

■ 2.3233, -4.0658,
1.6263

■ 87.9552, -18.5308,
8.6817

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.6312,
-19.8828, 9.5586

0.0000, NaN, NaN

113.8636,

0.0000, NaN, NaN

-21.2347, 10.4577

0.0000, NaN, NaN

127.6300,
-22.5889, 11.3787

■ 33.9808, -11.6046,
4.6266

■ 33.9808, -11.6046,
4.6266

■ 33.3461, -14.2451,
5.6054

■ 34.7056, -8.6817,
3.6969

■ 32.7995, -16.5811,
6.6224

■ 35.5174, -5.4989,
2.8229

■ 32.3407, -18.5986,
7.6669

■ 36.4150, -2.0835,
2.0110

■ 31.9673, -20.2902,
8.7264

■ 37.3959, 1.5373,
1.2656

■ 31.6752, -21.6576,
9.7873

■ 38.4570, 5.3365,
0.5890

■ 31.4587, -22.7135,
10.8356

■ 39.5951, 9.2881,
-0.0175

■ 31.2859, -23.5769,
11.7911

■ 40.8066, 13.3685,
-0.5541

■ 42.0879, 17.5562,
-1.0221

■ 43.4353, 21.8320,
-1.4234

Harmonies

Analogous

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



33.9815, -8.9793, 8.4982



33.9808, -11.6046, 4.6266



33.9815, -11.7219, -0.6751

Triad

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



33.9815, -11.6051, 4.6270



33.9815, 0.7814, -9.7764



33.9815, 6.3913, 8.2262

Complementary

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



33.9808, -11.6046, 4.6266



28.2621, 9.7392, -0.4453

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.



33.9815, 9.3755, 4.1945



33.9808, -11.6046, 4.6266



33.9815, 5.9969, -6.4913

Square

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



33.9815, -11.6051, 4.6270



33.9815, -4.8137, -9.6095



33.9815, 9.2267, -1.1838



33.9815, 1.2915, 10.3326

Rectangle

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



33.9808, -11.6046, 4.6266



33.9815, -10.3775, -4.3756



33.9815, 9.2267, -1.1838



33.9815, 7.6895, 7.0826

Sweetspot

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



33.9815, -11.6051, 4.6270



47.1640, -6.7838, 3.6121



34.5129, -10.3436, 10.8445



22.8485, -3.5231, 1.8122



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



33.9815, -11.6051, 4.6270



44.4289, -17.7335, 6.9814



34.0592, -9.0415, -1.0546



17.7915, -2.5009, 1.3474



35.4437, -26.7867, 13.5232



80.8346, -61.8560, 32.4931

Inverse Universe

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



28.2621, 9.7392, -0.4453



35.3258, 16.3556, -1.0261



28.1408, 7.4400, 4.9103



16.9265, 0.7081, 0.5704



19.6832, 34.9596, 3.0166



44.7599, 79.1391, 9.6484

Previews

White Background



This preview shows how the HunterLab color 33.9808, -11.6046, 4.6266 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 33.9808, -11.6046, 4.6266 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

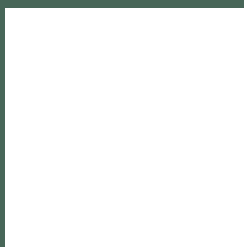
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 33.9808, -11.6046, 4.6266 Background



This preview shows how black text looks on a background with the HunterLab color 33.9808, -11.6046, 4.6266.



This preview shows how white text looks on a background with the HunterLab color 33.9808,

-11.6046, 4.6266.

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

33.9808, -11.6046, 4.6266

Protanopia

33.8780, -2.1818, 6.1582

Deuteranopia

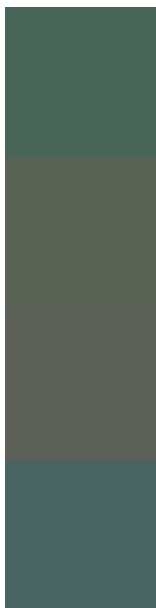
33.8477, 2.0275, 3.9486



Tritanopia

33.8837, -6.5251, -3.5749

Trichromacy



Original Color

33.9808, -11.6046, 4.6266

Protanomaly

33.9339, -6.1129, 5.7867

Deuteranomaly

33.7849, -3.6462, 4.1681

Tritanomaly

33.8973, -8.3387, -0.3469

Monochromacy



Original Color

33.9808, -11.6046, 4.6266

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

32.8746, -5.4389, 2.7168

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.9808, -11.6046, 4.6266 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(71, 102, 88)` looks like.

```
.text, #text, p{  
    color:rgb(71, 102, 88)  
}
```

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(71, 102, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 102, 88) }
```

Border

The CSS property to change the border of an element to HunterLab 33.9808, -11.6046, 4.6266 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(71, 102, 88) }
```


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

```
.border{ border-color:rgb(71, 102, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 102, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 102, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 102, 88);  
box-shadow:4px 4px 4px 4px rgb(71, 102,  
88) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.9808, -11.6046, 4.6266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 102, 88) }
```

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

```
.background{ background-color: rgb(71, 102,  
88) }
```

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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