

Converting Colors

HunterLab(33.9595, -11.7721,
5.2784)

Have a look what the booklet for
HunterLab(33.9595, -11.7721,
5.2784) contains.

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Color

**HunterLab(33.9326,
-11.8824, 5.3178)**

Conversions

Conversions Part 1

Format	Color
Hex	476656
RGB	71, 102, 86
RGB Percent	28%, 40%, 34%
CMY	0.7216, 0.6000, 0.6627
CMYK	0.30, 0.00, 0.16, 0.60
HSL	149°, 18%, 34%
HSV	149°, 30%, 40%
XYZ	9.0296, 11.5142, 10.5507
YIQ	90.9070, -13.3400, -11.5480

Conversions

Conversions Part 2

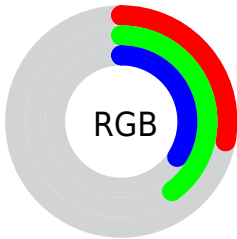
Format	Color
RYB	71, 92, 102
Decimal	4679254
CIELab	40.43, -15.10, 5.44
CIELCh	40, 16.051, 160.198
Yxy	11.5147, 0.2904, 0.3703
Android (android.graphics.Color)	4282869334 (0xFF476656)
YUV	90.9070, -2.4192, -17.4584
Hunter-Lab	33.9326, -11.8824, 5.3178

Details

The HunterLab color $33.9326, -11.8824, 5.3178$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $28.3190, 10.0284, -1.2534$, and the grayscale version is $32.3229, -1.7247, 1.7562$.

A 20% lighter version of the original color is $53.4351, -14.7395, 6.8237$, and $17.6044, -8.8320, 3.6278$ is the 20% darker color. If you saturate the color by 10%, you get $33.2852, -14.6012, 6.4804$, and if you desaturate by 10%, it is $34.6718, -8.8736, 4.1811$.

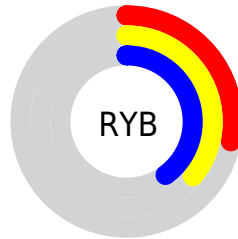
Distribution



Red (28%)

Green (40%)

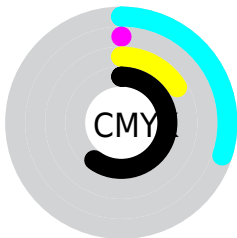
Blue (34%)



Red (28%)

Yellow (36%)

Blue (40%)

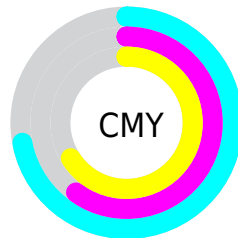


Cyan (30%)

Magenta (0%)

Yellow (16%)

Black (60%)



Cyan (72%)

Magenta (60%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.9326, -11.8824, 5.3178 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 33.9326, -11.8824, 5.3178 by changing the saturation by 10% instead.

■ 33.9326, -11.8824,
5.3178

■ 33.9326, -11.8824,
5.3178

141.8328,
-24.4375, 13.5097

■ 25.3262, -10.3634,
4.4888

■ 53.4865, -14.7721,
7.0115

■ 17.6026, -8.7537,
3.6610

■ 64.3193, -16.1746,
7.8823

■ 10.8783, -7.0708,
2.8317

■ 75.7983, -17.5618,
8.7714

■ 2.1924, -3.8366,
1.5347

■ 87.8890, -18.9401,
9.6796

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.5619,
-20.3138, 10.6074

0.0000, NaN, NaN

113.7915,

0.0000, NaN, NaN

-21.6863, 11.5550

0.0000, NaN, NaN

127.5551,
-23.0602, 12.5225

■ 33.9326, -11.8824,
5.3178

■ 33.9326, -11.8824,
5.3178

■ 33.2852, -14.6012,
6.4804

■ 34.6718, -8.8736,
4.1811

■ 32.7278, -17.0065,
7.6561

■ 35.4994, -5.5990,
3.0793

■ 32.2601, -19.0826,
8.8323

■ 36.4142, -2.0873,
2.0211

■ 31.8797, -20.8211,
9.9952

■ 37.4135, 1.6328,
1.0130

■ 31.5828, -22.2228,
11.1306

■ 38.4941, 5.5331,
0.0597

■ 31.3634, -23.3000,
12.2242

■ 39.6526, 9.5869,
-0.8354

■ 31.1896, -24.1726,
13.1974

■ 40.8852, 13.7695,
-1.6709

■ 42.1883, 18.0589,
-2.4461

■ 43.5580, 22.4356,
-3.1617

Harmonies

Analogous

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



33.9333, -8.8592, 9.1281



33.9326, -11.8824, 5.3178



33.9333, -12.3160, -0.1290

Triad

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



33.9333, -11.8829, 5.3182



33.9333, 0.2290, -10.6486



33.9333, 7.3383, 8.1257

Complementary

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



33.9326, -11.8824, 5.3178



28.3190, 10.0284, -1.2534

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.



33.9333, 10.1480, 3.7110



33.9326, -11.8824, 5.3178



33.9333, 5.8609, -7.5206

Square

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



33.9333, -11.8829, 5.3182



33.9333, -5.5874, -10.0179



33.9333, 9.5895, -2.0345



33.9333, 2.1352, 10.5458

Rectangle

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



33.9326, -11.8824, 5.3178



33.9333, -11.1111, -4.0708



33.9333, 9.5895, -2.0345



33.9333, 8.6097, 6.8601

Sweetspot

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



33.9333, -11.8829, 5.3182



47.1427, -6.9022, 3.9158



34.6197, -9.9464, 10.9488



22.8371, -3.5871, 1.9761



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.



33.9333, -11.8829, 5.3182



44.3537, -18.1715, 8.0620



34.3394, -9.5526, -0.4811



17.7838, -2.5439, 1.4579



35.3347, -27.4618, 15.1168



80.5869, -63.3914, 36.1172

Inverse Universe

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



28.3190, 10.0284, -1.2534



35.4184, 16.8148, -2.3385



27.9161, 7.9719, 4.4947



16.9346, 0.7516, 0.4551



19.8647, 35.6204, 0.4216



45.1698, 80.6347, 3.7615

Previews

White Background



This preview shows how the HunterLab color 33.9326, -11.8824, 5.3178 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 33.9326, -11.8824, 5.3178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

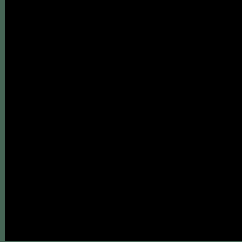
Any Text WCAG AA × Fail

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 33.9326, -11.8824, 5.3178 Background



This preview shows how black text looks on a background with the HunterLab color 33.9326, -11.8824, 5.3178.



This preview shows how white text looks on a background with the HunterLab color 33.9326,

-11.8824, 5.3178.

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

33.9326, -11.8824, 5.3178

Protanopia

33.9160, -2.1403, 6.9066

Deuteranopia

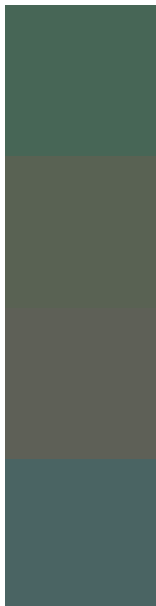
33.8890, 2.0675, 4.7659



Tritanopia

33.8837, -6.5251, -3.5749

Trichromacy



Original Color

33.9326, -11.8824, 5.3178

Protanomaly

33.8877, -6.3722, 6.4518

Deuteranomaly

33.8135, -3.6430, 4.9615

Tritanomaly

33.8689, -8.4998, 0.0566

Monochromacy



Original Color

33.9326, -11.8824, 5.3178

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

32.8489, -5.5828, 3.0849

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.9326, -11.8824, 5.3178 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, 86)` looks like.

```
.text, #text, p{  
    color:rgb(71, 102, 86)  
}
```

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, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 102, 86) }
```

Border

The CSS property to change the border of an element to HunterLab 33.9326, -11.8824, 5.3178 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, 86) }
```


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

```
.border{ border-color:rgb(71, 102, 86) }
```

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, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 102, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 102, 86);  
box-shadow:4px 4px 4px 4px rgb(71, 102,  
86) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.9326, -11.8824, 5.3178 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, 86) }
```

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

```
.background{ background-color: rgb(71, 102,  
86) }
```

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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