

Converting Colors

HunterLab(33.1154, -11.2724,
-1.3667)

Have a look what the booklet for
HunterLab(33.1154, -11.2724,
-1.3667) contains.

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Color

**HunterLab(33.1123,
-11.2570, -1.3816)**

Conversions

Conversions Part 1

Format	Color
Hex	3B6464
RGB	59, 100, 100
RGB Percent	23%, 39%, 39%
CMY	0.7686, 0.6078, 0.6078
CMYK	0.41, 0.00, 0.00, 0.61
HSL	180°, 26%, 31%
HSV	180°, 41%, 39%
XYZ	8.6611, 10.9642, 13.7164
YIQ	87.7410, -24.4360, -8.6920

Conversions

Conversions Part 2

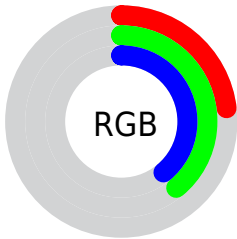
Format	Color
R_{YB}	59, 80, 100
Decimal	3892324
CIE Lab	39.52, -14.31, -4.53
CIE LCh	40, 15.013, 197.577
Yxy	10.9647, 0.2598, 0.3288
Android (android.graphics.Color)	4282082404 (0xFF3B6464)
YUV	87.7410, 6.0437, -25.2059
Hunter-Lab	33.1123, -11.2570, -1.3816

Details

The HunterLab color $[33.1123, -11.2570, -1.3816]$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $[24.8059, 11.3450, 5.5933]$, and the grayscale version is $[31.1294, -1.6610, 1.6913]$.

A 20% lighter version of the original color is $[52.5536, -13.9871, -0.8927]$, and $[16.8964, -8.2724, -1.5524]$ is the 20% darker color. If you saturate the color by 10%, you get $[32.6922, -12.8525, -1.9460]$, and if you desaturate by 10%, it is $[33.6156, -9.3802, -0.7158]$.

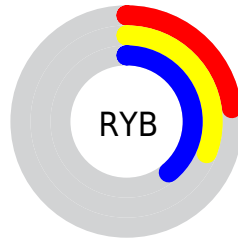
Distribution



Red (23%)

Green (39%)

Blue (39%)



Red (23%)

Yellow (31%)

Blue (39%)

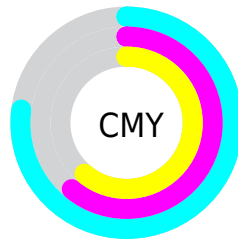


Cyan (41%)

Magenta (0%)

Yellow (0%)

Black (61%)



Cyan (77%)

Magenta (61%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.1123, -11.2570, -1.3816 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 33.1123, -11.2570, -1.3816 by changing the saturation by 10% instead.

■ 33.1123, -11.2570,
-1.3816

■ 33.1123, -11.2570,
-1.3816

■ 140.5080,
-23.4534, 2.6414

■ 24.5827, -9.7902,
-1.5741

■ 52.5308, -14.0520,
-0.8079

■ 16.9449, -8.2371,
-1.6914

■ 63.3026, -15.4114,
-0.4411

■ 10.3195, -6.7738,
-1.7171

■ 74.7241, -16.7577,
-0.0273

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 86.7603, -18.0970,
0.4300

0.0000, NaN, NaN

■ 99.3811, -19.4334,
0.9278

0.0000, NaN, NaN

■ 112.5608,

0.0000, NaN, NaN

-20.7701, 1.4636

0.0000, NaN, NaN

126.2765,
-22.1095, 2.0354

■ 33.1123, -11.2570,
-1.3816

■ 33.1123, -11.2570,
-1.3816

■ 32.6922, -12.8525,
-1.9460

■ 33.6156, -9.3802,
-0.7158

■ 32.3515, -14.1612,
-2.4091

■ 34.2011, -7.2313,
0.0465

■ 32.0874, -15.1858,
-2.7714

■ 34.8695, -4.8256,
0.9009

■ 31.8955, -15.9364,
-3.0366

■ 35.6197, -2.1814,
1.8412

■ 31.7693, -16.4330,
-3.2121

■ 36.4503, 0.6807,
2.8603

■ 31.6777, -16.7946,
-3.3397

■ 37.3591, 3.7390,
3.9508

■ 38.3435, 6.9714,
5.1051

■ 39.4007, 10.3567,
6.3159

■ 40.5275, 13.8745,
7.5762

Harmonies

Analogous

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



33.1130, -11.4745, 3.8940



33.1123, -11.2570, -1.3816



33.1130, -8.6036, -6.5150

Triad

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



33.1130, -11.2573, -1.3811



33.1130, 6.4034, -5.7258



33.1130, 0.5368, 10.1972

Complementary

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



33.1123, -11.2570, -1.3816



24.8059, 11.3450, 5.5933

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.



33.1130, 5.6701, 8.4007



33.1123, -11.2570, -1.3816



33.1130, 9.2025, -0.4351

Square

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



33.1130, -11.2573, -1.3811



33.1130, 1.4853, -9.2910



33.1130, 8.9257, 4.6982



33.1130, -4.9015, 10.0286

Rectangle

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



33.1123, -11.2570, -1.3816



33.1130, -5.7059, -8.9082



33.1130, 8.9257, 4.6982



33.1130, 2.3617, 9.8171

Sweetspot

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



33.1130, -11.2573, -1.3811



46.0422, -6.8388, 1.0331



32.2201, -16.5451, 11.9498



22.8010, -3.5270, 0.4646



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.



33.1130, -11.2573, -1.3811



43.3142, -16.9077, -2.5378



27.5943, -3.0976, -8.9569



17.8471, -2.1919, 0.5543



36.6558, -19.4338, -3.8645



83.7130, -44.3822, -8.8254

Inverse Universe

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



24.8059, 11.3450, 5.5933



30.1357, 19.3714, 8.6681



29.3105, 2.4696, 9.7339



16.8715, 0.4111, 1.3561



19.0471, 32.6188, 12.3075



43.4989, 74.4932, 28.1077

Previews

White Background



This preview shows how the HunterLab color 33.1123, -11.2570, -1.3816 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 33.1123, -11.2570, -1.3816 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

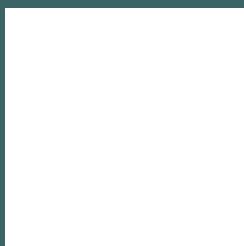
Any Text WCAG AAA × Fail

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

HunterLab 33.1123, -11.2570, -1.3816 Background



This preview shows how black text looks on a background with the HunterLab color 33.1123, -11.2570, -1.3816.



This preview shows how white text looks on a background with the HunterLab color 33.1123,

-11.2570, -1.3816.

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

33.1123, -11.2570, -1.3816

Protanopia

32.9548, -0.7499, 0.8152

Deuteranopia

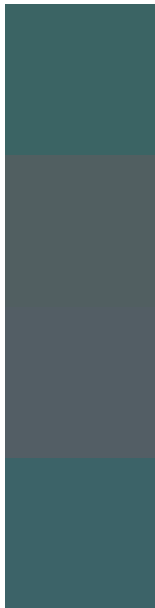
32.8832, 2.0801, -2.3661



Tritanopia

33.1320, -9.2769, -4.6385

Trichromacy



Original Color

33.1123, -11.2570, -1.3816

Protanomaly

32.8585, -5.1167, -0.2488

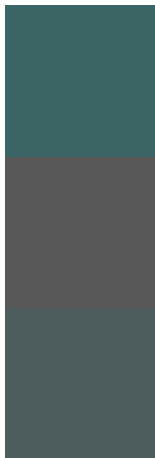
Deuteranomaly

32.8390, -3.5527, -2.0558

Tritanomaly

32.9906, -9.9902, -3.3833

Monochromacy



Original Color

33.1123, -11.2570, -1.3816

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

31.6303, -5.5820, 0.4134

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.1123, -11.2570, -1.3816 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(59, 100, 100)` looks like.

```
.text, #text, p{  
    color:rgb(59, 100, 100)  
}
```

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(59, 100, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 100, 100) }
```

Border

The CSS property to change the border of an element to HunterLab 33.1123, -11.2570, -1.3816 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(59, 100, 100) }
```


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

```
.border{ border-color:rgb(59, 100, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 100, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 100, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 100, 100);  
box-shadow:4px 4px 4px 4px rgb(59, 100,  
100) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.1123, -11.2570, -1.3816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 100, 100) }
```

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

```
.background{ background-color: rgb(59, 100,  
100) }
```

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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