

Converting Colors

HunterLab(33.0528, -6.8456,
-21.7207)

Have a look what the booklet for
HunterLab(33.0528, -6.8456,
-21.7207) contains.

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Color

**HunterLab(33.1550, -7.0322,
-21.3464)**

Conversions

Conversions Part 1

Format	Color
Hex	1F6388
RGB	31, 99, 136
RGB Percent	12%, 39%, 53%
CMY	0.8784, 0.6118, 0.4667
CMYK	0.77, 0.27, 0.00, 0.47
HSL	201°, 63%, 33%
HSV	201°, 77%, 53%
XYZ	9.4708, 10.9925, 24.9151
YIQ	82.8860, -52.4050, -2.9090

Conversions

Conversions Part 2

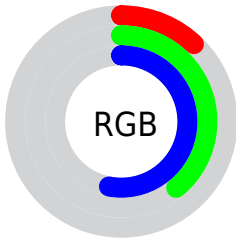
Format	Color
R_{YB}	31, 72, 136
Decimal	2057096
CIE Lab	39.57, -7.71, -26.52
CIE LCh	40, 27.621, 253.785
Yxy	10.9929, 0.2087, 0.2422
Android (android.graphics.Color)	4280247176 (0xFF1F6388)
YUV	82.8860, 26.1852, -45.5040
Hunter-Lab	33.1550, -7.0322, -21.3464




Details

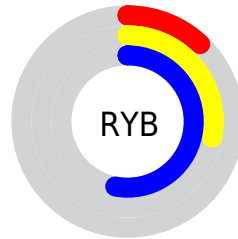
The HunterLab color **33.1550, -7.0322, -21.3464** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **30.7706, 18.4804, 16.7854**, and the grayscale version is **29.2920, -1.5629, 1.5915**.




A 20% lighter version of the original color is **52.6826, -9.1324, -22.5221**, and **17.9390, -2.0117, -18.0795** is the 20% darker color. If you saturate the color by 10%, you get **31.5327, -5.9120, -24.4699**, and if you desaturate by 10%, it is **34.9081, -7.7126, -18.1865**.

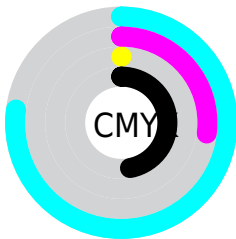
Distribution







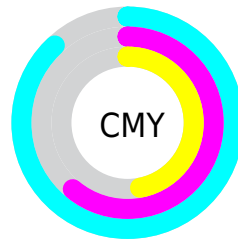
-  Red (12%)
-  Green (39%)
-  Blue (53%)






-  Red (12%)
-  Yellow (28%)
-  Blue (53%)



-  Cyan (77%)
-  Magenta (27%)
-  Yellow (0%)
-  Black (47%)



-  Cyan (88%)
-  Magenta (61%)
-  Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.1550, -7.0322, -21.3464 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 33.1550, -7.0322, -21.3464 by changing the saturation by 10% instead.

■ 33.1550, -7.0322,
-21.3464

■ 33.1550, -7.0322,
-21.3464

140.5770,
-16.1961, -24.2657

■ 24.6213, -6.0453,
-20.8021

■ 52.5805, -8.9966,
-22.3730

■ 16.9790, -5.0394,
-20.3345

■ 63.3555, -9.9872,
-22.8125

■ 10.3484, -3.9905,
-20.2035

■ 74.7800, -10.9880,
-23.1945

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 86.8190, -12.0009,
-23.5184

0.0000, NaN, NaN

■ 99.4426, -13.0274,
-23.7855

0.0000, NaN, NaN

■ 112.6249,

0.0000, NaN, NaN

-14.0684, -23.9976

0.0000, NaN, NaN

126.3431,
-15.1245, -24.1569

■ 33.1550, -7.0322,
-21.3464

■ 33.1550, -7.0322,
-21.3464

■ 31.5327, -5.9120,
-24.4699

■ 34.9081, -7.7126,
-18.1865

■ 30.0272, -4.4040,
-27.5669

■ 36.7867, -7.9658,
-15.0132

■ 29.6129, -3.9633,
-28.4580

■ 38.7852, -7.8162,
-11.8446

■ 40.8966, -7.2949,
-8.6961

■ 43.1135, -6.4354,
-5.5787

■ 45.4283, -5.2712,
-2.4997

■ 47.8341, -3.8344,
0.5368

■ 50.3240, -2.1543,
3.5290

■ 52.8921, -0.2572,
6.4771

Harmonies

Analogous

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



33.1556, -14.6829, -13.7299



33.1550, -7.0322, -21.3464



33.1556, 2.9947, -21.6778

Triad

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



33.1556, -7.0319, -21.3457



33.1556, 19.3247, 5.9197



33.1556, -14.1906, 12.5808

Complementary

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



33.1550, -7.0322, -21.3464



30.7706, 18.4804, 16.7854

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.



33.1556, -6.2816, 15.2195



33.1550, -7.0322, -21.3464



33.1556, 13.4805, 12.2288

Square

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



33.1556, -7.0319, -21.3457



33.1556, 19.0608, -3.7920



33.1556, 3.8402, 15.1137



33.1556, -18.4643, 6.5691

Rectangle

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



33.1550, -7.0322, -21.3464



33.1556, 9.7593, -17.5623



33.1556, 3.8402, 15.1137



33.1556, -11.9132, 13.7985

Sweetspot

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



33.1556, -7.0319, -21.3457



58.3565, -8.0157, -5.8864



42.7952, -31.4901, 18.2964



27.6165, -4.0780, -3.4634



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



33.1556, -7.0319, -21.3457



40.2957, -6.2870, -35.6775



20.2054, 17.7879, -55.5873



23.2313, -2.0294, -0.0275



28.8403, -3.9046, -27.6188



2.8788, -1.0826, -1.2613

Inverse Universe

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



26.6749, 39.6134, -9.1077



32.8782, 58.1880, -9.7910



43.3898, -5.3892, 24.8702



22.5822, 1.2703, 0.2320



23.7147, 43.4366, -6.5707



2.0037, 3.7926, -1.5053

Previews

White Background



This preview shows how the HunterLab color 33.1550, -7.0322, -21.3464 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 33.1550, -7.0322, -21.3464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

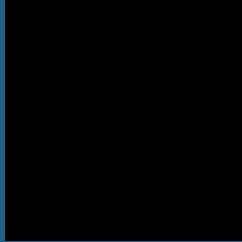
Any Text WCAG AA × Fail

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 33.1550, -7.0322, -21.3464 Background



This preview shows how black text looks on a background with the HunterLab color 33.1550, -7.0322, -21.3464.



This preview shows how white text looks on a background with the HunterLab color 33.1550, -7.0322, -21.3464.

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

33.1550, -7.0322, -21.3464

Protanopia

33.1893, 2.4224, -17.2340

Deuteranopia

33.0238, 2.5423, -22.7756



Tritanopia

32.9366, -15.8032, -7.0532

Trichromacy



Original Color

33.1550, -7.0322, -21.3464

Protanomaly

33.0259, -2.0878, -18.8762

Deuteranomaly

33.0002, -1.7530, -22.2175

Tritanomaly

33.0605, -13.1530, -11.7257

Monochromacy



Original Color

33.1550, -7.0322, -21.3464

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

30.3217, -5.4676, -5.9913

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.1550, -7.0322, -21.3464 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(31, 99, 136)` looks like.

```
.text, #text, p{  
    color:rgb(31, 99, 136)  
}
```

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(31, 99, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 99, 136) }
```

Border

The CSS property to change the border of an element to HunterLab 33.1550, -7.0322, -21.3464 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(31, 99, 136) }
```


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

```
.border{ border-color:rgb(31, 99, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 99, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 99, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 99, 136);  
box-shadow:4px 4px 4px 4px rgb(31, 99,  
136) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.1550, -7.0322, -21.3464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 99, 136) }
```

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

```
.background{ background-color: rgb(31, 99,  
136) }
```

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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