

Converting Colors

HunterLab(33.3093, -5.3648,
0.8780)

Have a look what the booklet for
HunterLab(33.3093, -5.3648, 0.8780)
contains.

HunterLab(33.2404, -5.2150, 0.6526)	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(33.2404, -5.2150,
0.6526)**

Conversions

Conversions Part 1

Format	Color
Hex	536060
RGB	83, 96, 96
RGB Percent	33%, 38%, 38%
CMY	0.6745, 0.6235, 0.6235
CMYK	0.14, 0.00, 0.00, 0.62
HSL	180°, 7%, 35%
HSV	180°, 14%, 38%
XYZ	9.8614, 11.0492, 12.6793
YIQ	92.1130, -7.7480, -2.7560

Conversions

Conversions Part 2

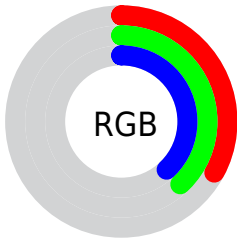
Format	Color
RYB	83, 90, 96
Decimal	5464160
CIELab	39.66, -4.98, -1.69
CIElCh	40, 5.261, 198.779
Yxy	11.0497, 0.2936, 0.3289
Android (android.graphics.Color)	4283654240 (0xFF536060)
YUV	92.1130, 1.9163, -7.9921
Hunter-Lab	33.2404, -5.2150, 0.6526

Details

The HunterLab color $33.2404, -5.2150, 0.6526$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $30.4928, 2.1251, 2.9137$, and the grayscale version is $32.7520, -1.7476, 1.7795$.

A 20% lighter version of the original color is $52.5544, -6.5824, 1.5891$, and $17.0984, -3.6599, 0.0081$ is the 20% darker color. If you saturate the color by 10%, you get $32.6233, -7.4504, -0.1400$, and if you desaturate by 10%, it is $33.9368, -2.7502, 1.5292$.

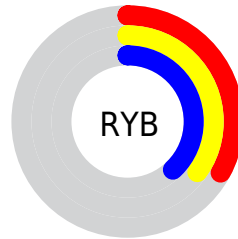
Distribution



Red (33%)

Green (38%)

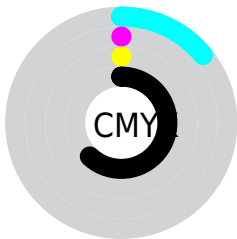
Blue (38%)



Red (33%)

Yellow (35%)

Blue (38%)

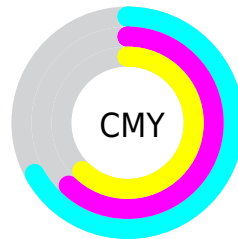


Cyan (14%)

Magenta (0%)

Yellow (0%)

Black (62%)



Cyan (67%)

Magenta (62%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.2404, -5.2150, 0.6526 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 33.2404, -5.2150, 0.6526 by changing the saturation by 10% instead.

■ 33.2404, -5.2150,
0.6526

■ 33.2404, -5.2150,
0.6526

■ 140.7154,
-13.1530, 5.8092

■ 24.6987, -4.4208,
0.2931

■ 52.6802, -6.8468,
1.5257

■ 17.0474, -3.6320,
-0.0067

■ 63.4616, -7.6885,
2.0288

■ 10.4064, -2.8351,
-0.2349

■ 74.8921, -8.5495,
2.5718

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 86.9369, -9.4302,
3.1523

0.0000, NaN, NaN

■ 99.5659, -10.3309,
3.7680

0.0000, NaN, NaN

112.7534,

0.0000, NaN, NaN

-11.2516, 4.4171

0.0000, NaN, NaN

126.4766,
-12.1923, 5.0979

■ 33.2404, -5.2150,
0.6526

■ 33.2404, -5.2150,
0.6526

■ 32.6233, -7.4504,
-0.1400

■ 33.9368, -2.7502,
1.5292

■ 32.0842, -9.4378,
-0.8445

■ 34.7092, -0.0730,
2.4818

■ 31.6235, -11.1648,
-1.4561

■ 35.5562, 2.7955,
3.5039

■ 31.2401, -12.6229,
-1.9719

■ 36.4757, 5.8347,
4.5884

■ 30.9320, -13.8093,
-2.3912

■ 37.4649, 9.0241,
5.7284

■ 30.6958, -14.7276,
-2.7155

■ 38.5210, 12.3443,
6.9171

■ 30.5269, -15.3893,
-2.9489

■ 39.6409, 15.7772,
8.1482

■ 30.4147, -15.8314,
-3.1047

■ 40.8216, 19.3064,
9.4160

■ 30.3488, -16.0916,
-3.1963

■ 42.0600, 22.9172,
10.7153

Harmonies

Analogous

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



33.2411, -5.3369, 2.4889



33.2404, -5.2150, 0.6526



33.2411, -4.1851, -0.9562

Triad

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



33.2411, -5.2156, 0.6531



33.2411, 1.0614, -0.6013



33.2411, -1.0504, 5.0884

Complementary

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



33.2404, -5.2150, 0.6526



30.4928, 2.1251, 2.9137

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.



33.2411, 0.7049, 4.3561



33.2404, -5.2150, 0.6526



33.2411, 1.9425, 1.1152

Square

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



33.2411, -5.2156, 0.6531



33.2411, -0.5727, -1.7085



33.2411, 1.8106, 2.9256



33.2411, -2.9613, 4.9804

Rectangle

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



33.2404, -5.2150, 0.6526



33.2411, -3.1078, -1.6516



33.2411, 1.8106, 2.9256



33.2411, -0.4218, 4.9341

Sweetspot

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



33.2411, -5.2156, 0.6531



44.8593, -3.8367, 1.9539



32.9235, -7.0270, 5.4266



22.3254, -2.0088, 0.9391



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



33.2411, -5.2156, 0.6531



43.7431, -7.8065, 0.5436



31.5412, -2.5025, -1.4113



17.0141, -2.0767, 0.5329



35.7863, -18.9747, -3.7688



82.7137, -43.8570, -8.7102

Inverse Universe

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



30.4928, 2.1251, 2.9137



39.3318, 3.9875, 4.1758



32.0994, -0.6678, 4.6517



16.0946, 0.3769, 1.2884



18.5954, 31.8454, 12.0148



42.9801, 73.6048, 27.7716

Previews

White Background



This preview shows how the HunterLab color 33.2404, -5.2150, 0.6526 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 33.2404, -5.2150, 0.6526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

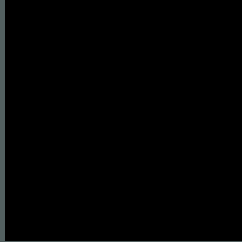
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

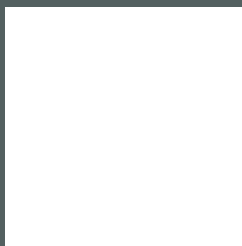
Any Text WCAG AAA × Fail

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

HunterLab 33.2404, -5.2150, 0.6526 Background



This preview shows how black text looks on a background with the HunterLab color 33.2404, -5.2150, 0.6526.



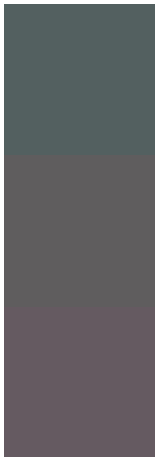
This preview shows how white text looks on a background with the HunterLab color 33.2404, -5.2150,

0.6526.

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

33.2404, -5.2150, 0.6526

Protanopia

33.2712, -1.0658, 1.6119

Deuteranopia

33.0788, 2.4451, 0.1553



Tritanopia

33.2393, -3.4118, -2.4666

Trichromacy



Original Color

33.2404, -5.2150, 0.6526

Protanomaly

33.2502, -2.4499, 1.1406

Deuteranomaly

33.0107, -0.4459, 0.0208

Tritanomaly

33.1502, -3.9051, -1.2049

Monochromacy



Original Color

33.2404, -5.2150, 0.6526

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

32.7763, -2.8442, 1.4137

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.2404, -5.2150, 0.6526 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(83, 96, 96)` looks like.

```
.text, #text, p{  
    color:rgb(83, 96, 96)  
}
```

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(83, 96, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 96, 96) }
```

Border

The CSS property to change the border of an element to HunterLab 33.2404, -5.2150, 0.6526 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(83, 96, 96) }
```


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

```
.border{ border-color:rgb(83, 96, 96) }
```

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

Here you see how a box with a 4 pixel rgb(83, 96, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 96, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 96, 96);  
box-shadow:4px 4px 4px 4px rgb(83, 96, 96)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.2404, -5.2150, 0.6526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 96, 96) }
```

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

```
.background{ background-color: rgb(83, 96,  
96) }
```

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