

Converting Colors

HunterLab(33.2787, -6.4406,
0.2446)

Have a look what the booklet for
HunterLab(33.2787, -6.4406, 0.2446)
contains.

HunterLab(33.2787, -6.4406, 0.2446)	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(33.2787, -6.4406,
0.2446)**

Conversions

Conversions Part 1

Format	Color
Hex	4F6161
RGB	79, 97, 97
RGB Percent	31%, 38%, 38%
CMY	0.6902, 0.6196, 0.6196
CMYK	0.19, 0.00, 0.00, 0.62
HSL	180°, 10%, 35%
HSV	180°, 19%, 38%
XYZ	9.6568, 11.0747, 12.9379
YIQ	91.6180, -10.7280, -3.8160

Conversions

Conversions Part 2

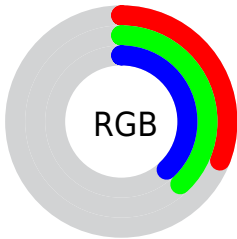
Format	Color
R_{YB}	79, 88, 97
Decimal	5202273
CIE _{Lab}	39.71, -6.80, -2.28
CIE _{LCh}	40, 7.174, 198.528
Yxy	11.0752, 0.2868, 0.3289
Android (android.graphics.Color)	4283392353 (0xFF4F6161)
YUV	91.6180, 2.6533, -11.0660
Hunter-Lab	33.2787, -6.4406, 0.2446

Details

The HunterLab color $33.2787, -6.4406, 0.2446$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $29.4927, 3.6908, 3.3662$, and the grayscale version is $32.5670, -1.7377, 1.7694$.

A 20% lighter version of the original color is $52.8272, -8.5238, 0.9581$, and $17.1661, -4.6576, -0.3214$ is the 20% darker color. If you saturate the color by 10%, you get $32.6942, -8.5788, -0.5132$, and if you desaturate by 10%, it is $33.9440, -4.0608, 1.0906$.

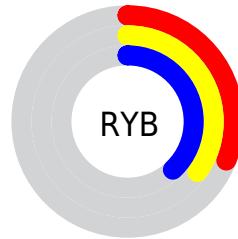
Distribution



Red (31%)

Green (38%)

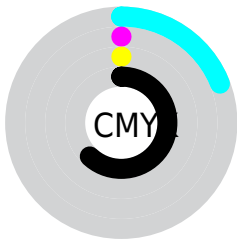
Blue (38%)



Red (31%)

Yellow (35%)

Blue (38%)

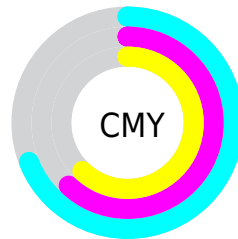


Cyan (19%)

Magenta (0%)

Yellow (0%)

Black (62%)



Cyan (69%)

Magenta (62%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.2787, -6.4406, 0.2446 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 33.2787, -6.4406, 0.2446 by changing the saturation by 10% instead.

■ 33.2787, -6.4406,
0.2446

■ 33.2787, -6.4406,
0.2446

140.7773,
-15.1955, 5.1663

■ 24.7334, -5.5190,
-0.0799

■ 52.7248, -8.2940,
1.0553

■ 17.0781, -4.5865,
-0.3411

■ 63.5091, -9.2349,
1.5300

■ 10.4324, -3.6208,
-0.5257

■ 74.9423, -10.1890,
2.0463

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 86.9896, -11.1578,
2.6013

0.0000, NaN, NaN

■ 99.6211, -12.1423,
3.1926

0.0000, NaN, NaN

112.8109,

0.0000, NaN, NaN

-13.1432, 3.8183

0.0000, NaN, NaN

126.5364,
-14.1609, 4.4767

■ 33.2787, -6.4406,
0.2446

■ 33.2787, -6.4406,
0.2446

■ 32.6942, -8.5788,
-0.5132

■ 33.9440, -4.0608,
1.0906

■ 32.1887, -10.4586,
-1.1794

■ 34.6871, -1.4560,
2.0169

■ 31.7623, -12.0693,
-1.7497

■ 35.5069, 1.3533,
3.0173

■ 31.4133, -13.4053,
-2.2222

■ 36.4014, 4.3460,
4.0846

■ 31.1390, -14.4669,
-2.5975

■ 37.3679, 7.5012,
5.2116

■ 30.9355, -15.2616,
-2.8782

■ 38.4037, 10.7986,
6.3913

■ 30.7971, -15.8053,
-3.0700

■ 39.5057, 14.2192,
7.6171

■ 30.6949, -16.2084,
-3.2121

■ 40.6709, 17.7455,
8.8828

■ 30.6802, -16.2666,
-3.2326

■ 41.8960, 21.3615,
10.1830

Harmonies

Analogous

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



33.2794, -6.5932, 2.7548



33.2787, -6.4406, 0.2446



33.2794, -5.0630, -2.0012

Triad

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



33.2794, -6.4411, 0.2451



33.2794, 2.0999, -1.5369



33.2794, -0.7650, 6.1924

Complementary

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



33.2787, -6.4406, 0.2446



29.4927, 3.6908, 3.3662

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.



33.2794, 1.6406, 5.2205



33.2787, -6.4406, 0.2446



33.2794, 3.3287, 0.8398

Square

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



33.2794, -6.4411, 0.2451



33.2794, -0.1540, -3.0839



33.2794, 3.1580, 3.3052



33.2794, -3.3704, 6.0604

Rectangle

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



33.2787, -6.4406, 0.2446



33.2794, -3.6097, -2.9870



33.2794, 3.1580, 3.3052



33.2794, 0.0952, 5.9872

Sweetspot

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



33.2794, -6.4411, 0.2451



44.6624, -4.5295, 1.7075



32.8474, -8.9240, 6.7319



22.2364, -2.3222, 0.8276



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.



33.2794, -6.4411, 0.2451



43.2443, -9.6149, -0.0986



30.9103, -2.7159, -2.6944



17.0141, -2.0767, 0.5328



35.7864, -18.9739, -3.7706



82.7140, -43.8552, -8.7145

Inverse Universe

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



29.4927, 3.6908, 3.3662



37.2328, 6.5006, 4.8666



31.6806, -0.1871, 5.6741



16.0945, 0.3768, 1.2884



18.5954, 31.8453, 12.0151



42.9800, 73.6047, 27.7720

Previews

White Background



This preview shows how the HunterLab color 33.2787, -6.4406, 0.2446 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 33.2787, -6.4406, 0.2446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

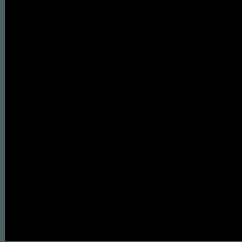
Any Text WCAG AA × Fail

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 33.2787, -6.4406, 0.2446 Background



This preview shows how black text looks on a background with the HunterLab color 33.2787, -6.4406, 0.2446.



This preview shows how white text looks on a background with the HunterLab color 33.2787, -6.4406, 0.2446.

0.2446.

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

33.2787, -6.4406, 0.2446

Protanopia

33.2984, -0.9177, 1.2250

Deuteranopia

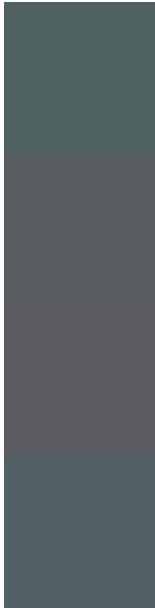
33.2766, 1.8507, -0.0511



Tritanopia

33.2726, -4.6340, -2.9163

Trichromacy



Original Color

33.2787, -6.4406, 0.2446

Protanomaly

33.1267, -2.8276, 0.5566

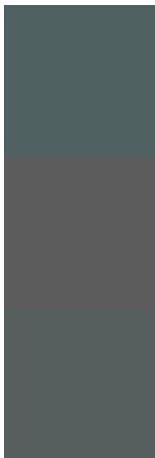
Deuteranomaly

33.1449, -1.2810, -0.2689

Tritanomaly

33.1825, -5.1362, -1.6417

Monochromacy



Original Color

33.2787, -6.4406, 0.2446

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

32.9238, -3.6525, 1.1535

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.2787, -6.4406, 0.2446 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(79, 97, 97)` looks like.

```
.text, #text, p{  
    color:rgb(79, 97, 97)  
}
```

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(79, 97, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 97, 97) }
```

Border

The CSS property to change the border of an element to HunterLab 33.2787, -6.4406, 0.2446 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(79, 97, 97) }
```


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

```
.border{ border-color:rgb(79, 97, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 97, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 97, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 97, 97);  
box-shadow:4px 4px 4px 4px rgb(79, 97, 97)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.2787, -6.4406, 0.2446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 97, 97) }
```

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

```
.background{ background-color: rgb(79, 97,  
97) }
```

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