

Converting Colors

HunterLab(33.2788, -4.7830,
-5.6820)

Have a look what the booklet for
HunterLab(33.2788, -4.7830,
-5.6820) contains.

HunterLab(33.2085, -4.4826, -5.9533)	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(33.2085, -4.4826,
-5.9533)**

Conversions

Conversions Part 1

Format	Color
Hex	4C606E
RGB	76, 96, 110
RGB Percent	30%, 38%, 43%
CMY	0.7020, 0.6235, 0.5686
CMYK	0.31, 0.13, 0.00, 0.57
HSL	205°, 18%, 36%
HSV	205°, 31%, 43%
XYZ	9.9779, 11.0280, 16.3546
YIQ	91.6160, -16.4140, 0.1140

Conversions

Conversions Part 2

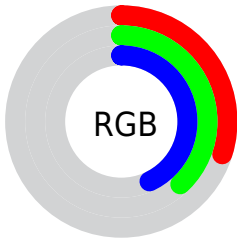
Format	Color
R_{YB}	76, 89, 110
Decimal	5005422
CIE _{Lab}	39.63, -3.91, -10.40
CIE _{LCh}	40, 11.113, 249.418
Yxy	11.0285, 0.2671, 0.2952
Android (android.graphics.Color)	4283195502 (0xFF4C606E)
YUV	91.6160, 9.0633, -13.6952
Hunter-Lab	33.2085, -4.4826, -5.9533

Details

The HunterLab color $[33.2085, -4.4826, -5.9533]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[33.3905, 2.4623, 8.4766]$, and the grayscale version is $[32.5448, -1.7365, 1.7682]$.

A 20% lighter version of the original color is $[52.5376, -5.6269, -6.3008]$, and $[17.0441, -3.1684, -5.4065]$ is the 20% darker color. If you saturate the color by 10%, you get $[31.3256, -4.8110, -8.7027]$, and if you desaturate by 10%, it is $[35.1692, -3.9220, -3.2673]$.

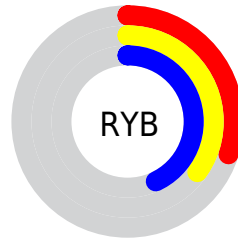
Distribution



Red (30%)

Green (38%)

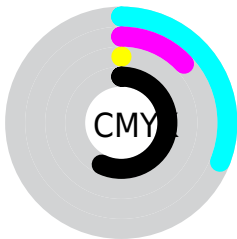
Blue (43%)



Red (30%)

Yellow (35%)

Blue (43%)

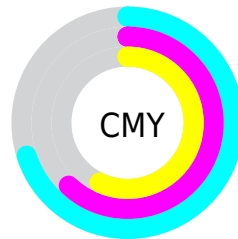


Cyan (31%)

Magenta (13%)

Yellow (0%)

Black (57%)



Cyan (70%)

Magenta (62%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.2085, -4.4826, -5.9533 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 33.2085, -4.4826, -5.9533 by changing the saturation by 10% instead.

■ 33.2085, -4.4826,
-5.9533

■ 33.2085, -4.4826,
-5.9533

140.6637,
-11.9411, -4.1050

■ 24.6698, -3.7625,
-5.8477

■ 52.6430, -5.9844,
-5.9350

■ 17.0219, -3.0575,
-5.6555

■ 63.4220, -6.7681,
-5.8274

■ 10.3847, -2.3585,
-5.3723

■ 74.8503, -7.5744,
-5.6618

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 86.8929, -8.4034,
-5.4430

0.0000, NaN, NaN

■ 99.5199, -9.2548,
-5.1748

0.0000, NaN, NaN

112.7054,

0.0000, NaN, NaN

-10.1284, -4.8606

0.0000, NaN, NaN

126.4268,
-11.0240, -4.5032

■ 33.2085, -4.4826,
-5.9533

■ 33.2085, -4.4826,
-5.9533

■ 31.3256, -4.8110,
-8.7027

■ 35.1692, -3.9220,
-3.2673

■ 29.5252, -4.8783,
-11.5158

■ 37.1995, -3.1538,
-0.6454

■ 27.8150, -4.6561,
-14.3873

■ 39.2945, -2.2018,
1.9158

■ 26.2019, -4.1169,
-17.3076

■ 41.4493, -1.0866,
4.4202

■ 24.6927, -3.2379,
-20.2625

■ 43.6592, 0.1734,
6.8721

■ 23.2924, -2.0060,
-23.2333

■ 45.9202, 1.5625,
9.2760

■ 22.0751, -0.7228,
-26.0317

■ 48.2287, 3.0670,
11.6366

■ 50.5816, 4.6749,
13.9582

■ 52.9759, 6.3760,
16.2448

Harmonies

Analogous

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



33.2092, -7.6114, -3.2808



33.2085, -4.4826, -5.9533



33.2092, -0.4821, -6.4161

Triad

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



33.2092, -4.4830, -5.9527



33.2092, 6.3131, 3.0041



33.2092, -6.6030, 7.0646

Complementary

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



33.2085, -4.4826, -5.9533



33.3905, 2.4623, 8.4766

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.



33.2092, -3.0459, 8.3509



33.2085, -4.4826, -5.9533



33.2092, 4.4973, 6.1999

Square

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



33.2092, -4.4830, -5.9527



33.2092, 5.8827, -0.9202



33.2092, 1.0253, 8.0546



33.2092, -8.7938, 4.3221

Rectangle

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



33.2085, -4.4826, -5.9533



33.2092, 2.1623, -5.3606



33.2092, 1.0253, 8.0546



33.2092, -5.5346, 7.6657

Sweetspot

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



33.2092, -4.4830, -5.9527



49.7544, -3.9851, -0.2838



36.6333, -13.5053, 6.8252



23.8522, -1.9861, -0.3230



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



33.2092, -4.4830, -5.9527



42.2312, -6.2827, -10.4595



28.8314, 2.9142, -12.5199



18.9631, -1.5071, -0.0794



24.0748, -0.5893, -28.8193



52.0989, 1.4898, -68.3350

Inverse Universe

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



30.5430, 11.5753, -2.4598



38.0915, 19.5646, -4.3644



37.7746, -4.9058, 12.4582



18.5239, 0.9157, 0.3422



21.0498, 38.1793, -2.9170



46.7951, 84.5401, -3.8858

Previews

White Background



This preview shows how the HunterLab color 33.2085, -4.4826, -5.9533 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 33.2085, -4.4826, -5.9533 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

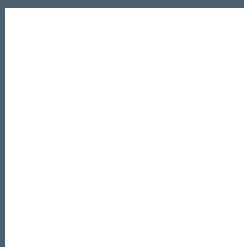
Any Text WCAG AAA × Fail

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

HunterLab 33.2085, -4.4826, -5.9533 Background



This preview shows how black text looks on a background with the HunterLab color 33.2085, -4.4826, -5.9533.



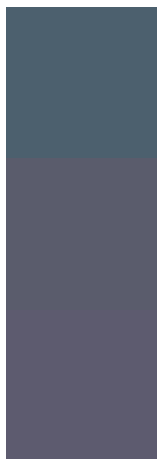
This preview shows how white text looks on a background with the HunterLab color 33.2085, -4.4826, -5.9533.

-5.9533.

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

33.2085, -4.4826, -5.9533

Protanopia

33.0313, 0.2899, -5.1070

Deuteranopia

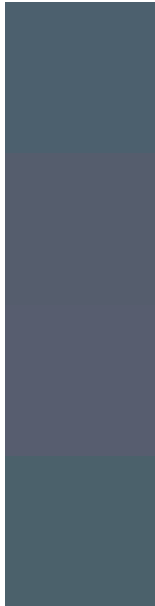
33.1014, 2.0618, -6.5041



Tritanopia

33.2643, -6.0211, -3.4290

Trichromacy



Original Color

33.2085, -4.4826, -5.9533

Protanomaly

32.9608, -1.2462, -5.7367

Deuteranomaly

33.1702, -0.3919, -6.4488

Tritanomaly

33.3268, -5.6711, -4.3098

Monochromacy



Original Color

33.2085, -4.4826, -5.9533

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

32.7231, -2.6936, -1.2714

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.2085, -4.4826, -5.9533 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(76, 96, 110)` looks like.

```
.text, #text, p{  
    color:rgb(76, 96, 110)  
}
```

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(76, 96, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 96, 110) }
```

Border

The CSS property to change the border of an element to HunterLab 33.2085, -4.4826, -5.9533 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(76, 96, 110) }
```


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

```
.border{ border-color:rgb(76, 96, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 96, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 96, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 96, 110);  
box-shadow:4px 4px 4px 4px rgb(76, 96,  
110) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.2085, -4.4826, -5.9533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 96, 110) }
```

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

```
.background{ background-color: rgb(76, 96,  
110) }
```

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