

Converting Colors

HunterLab(33.4642, -2.7379,
-1.2413)

Have a look what the booklet for
HunterLab(33.4642, -2.7379,
-1.2413) contains.

HunterLab(33.4645, -2.7388, -1.2407)	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(33.4645, -2.7388,
-1.2407)

Conversions

Conversions Part 1

Format	Color
Hex	585F65
RGB	88, 95, 101
RGB Percent	35%, 37%, 40%
CMY	0.6549, 0.6274, 0.6039
CMYK	0.13, 0.06, 0.00, 0.60
HSL	208°, 7%, 37%
HSV	208°, 13%, 40%
XYZ	10.4657, 11.1987, 13.9219
YIQ	93.5910, -6.0980, 0.3820

Conversions

Conversions Part 2

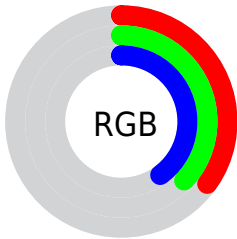
Format	Color
R_{YB}	88, 93, 101
Decimal	5791589
CIE Lab	39.91, -1.35, -4.35
CIE LCh	40, 4.560, 252.719
Yxy	11.1992, 0.2941, 0.3147
Android (android.graphics.Color)	4283981669 (0xFF585F65)
YUV	93.5910, 3.6526, -4.9033
Hunter-Lab	33.4645, -2.7388, -1.2407

Details

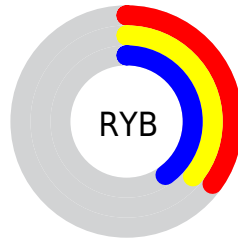
The HunterLab color **33.4645, -2.7388, -1.2407** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **33.8772, -0.6352, 4.7052**, and the grayscale version is **33.2935, -1.7765, 1.8089**.

A 20% lighter version of the original color is **52.8404, -3.7141, -0.8366**, and **17.2527, -1.6323, -1.3912** is the 20% darker color. If you saturate the color by 10%, you get **31.5044, -3.1888, -3.8139**, and if you desaturate by 10%, it is **35.4848, -2.1277, 1.2565**.

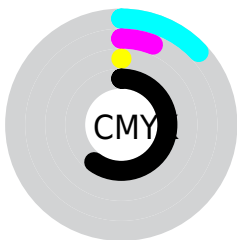
Distribution



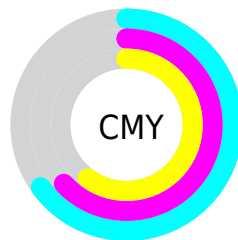
- Red (35%)
- Green (37%)
- Blue (40%)



- Red (35%)
- Yellow (36%)
- Blue (40%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)
- Black (60%)



- Cyan (65%)
- Magenta (63%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.4645, -2.7388, -1.2407 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 33.4645, -2.7388, -1.2407 by changing the saturation by 10% instead.

■ 33.4645, -2.7388,
-1.2407

■ 33.4645, -2.7388,
-1.2407

■ 141.0777, -9.0784,
2.8677

■ 24.9018, -2.1917,
-1.4460

■ 52.9414, -3.9386,
-0.6441

■ 17.2269, -1.6807,
-1.5774

■ 63.7395, -4.5868,
-0.2671

■ 10.5588, -1.2079,
-1.6188

■ 75.1858, -5.2656,
0.1565

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 87.2455, -5.9736,
0.6230

0.0000, NaN, NaN

■ 99.8888, -6.7099,
1.1296

0.0000, NaN, NaN

113.0899, -7.4734,

0.0000, NaN, NaN

126.8262, -8.2631,
2.2539

■ 33.4645, -2.7388,
-1.2407

■ 33.4645, -2.7388,
-1.2407

■ 31.5044, -3.1888,
-3.8139

■ 35.4848, -2.1277,
1.2565

■ 29.6078, -3.4539,
-6.4714

■ 37.5582, -1.3728,
3.6830

■ 27.7816, -3.5099,
-9.2184

■ 39.6813, -0.4914,
6.0466

■ 26.0328, -3.3298,
-12.0581

■ 41.8503, 0.5024,
8.3539

■ 24.3687, -2.8846,
-14.9906

■ 44.0618, 1.5961,
10.6113

■ 22.7973, -2.1460,
-18.0107

■ 46.3130, 2.7791,
12.8245

■ 21.3266, -1.0892,
-21.1067

■ 48.6012, 4.0425,
14.9987

■ 19.9598, 0.2884,
-24.2687

■ 50.9242, 5.3784,
17.1387

■ 19.0132, 1.3386,
-26.6544

■ 53.2800, 6.7799,
19.2486

Harmonies

Analogous

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



33.4652, -4.1225, -0.3258



33.4645, -2.7388, -1.2407



33.4652, -1.0748, -1.3092

Triad

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



33.4652, -2.7394, -1.2401



33.4652, 1.4148, 2.4896



33.4652, -3.9459, 3.9967

Complementary

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



33.4645, -2.7388, -1.2407



33.8772, -0.6352, 4.7052

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.



33.4652, -2.4941, 4.6764



33.4645, -2.7388, -1.2407



33.4652, 0.6135, 3.8355

Square

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



33.4652, -2.7394, -1.2401



33.4652, 1.3460, 0.8980



33.4652, -0.8246, 4.6189



33.4652, -4.8096, 2.7196

Rectangle

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



33.4645, -2.7388, -1.2407



33.4652, -0.0275, -0.8619



33.4652, -0.8246, 4.6189



33.4652, -3.5117, 4.2997

Sweetspot

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



33.4652, -2.7394, -1.2401



46.1613, -2.8980, 1.2455



34.9109, -6.4257, 3.4743



22.8198, -1.4629, 0.5234



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.



33.4652, -2.7394, -1.2401



43.1851, -3.7607, -2.4745



31.7823, 0.0781, -3.3828



17.2764, -1.2694, -0.1251



21.5773, 1.8821, -31.0327



47.4516, 7.6548, -75.8349

Inverse Universe

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



32.5156, 3.0582, 0.3471



41.7142, 5.3184, 0.0641



35.5712, -3.4411, 6.4695



16.9375, 0.7668, 0.4149



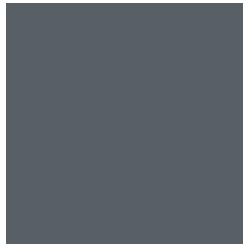
19.9337, 35.8710, -0.5596



45.3276, 81.2083, 1.5108

Previews

White Background



This preview shows how the HunterLab color 33.4645, -2.7388, -1.2407 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 33.4645, -2.7388, -1.2407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

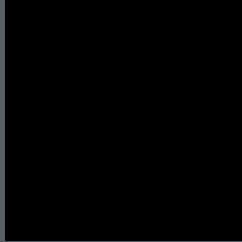
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

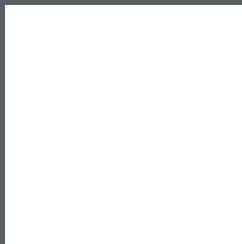
Any Text WCAG AAA × Fail

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

HunterLab 33.4645, -2.7388, -1.2407 Background



This preview shows how black text looks on a background with the HunterLab color 33.4645, -2.7388, -1.2407.



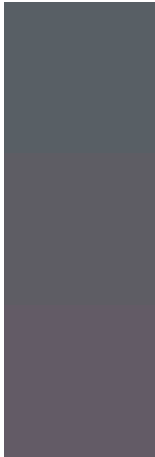
This preview shows how white text looks on a background with the HunterLab color 33.4645, -2.7388, -1.2407.

-1.2407.

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

33.4645, -2.7388, -1.2407

Protanopia

33.3594, -0.4258, -0.8799

Deuteranopia

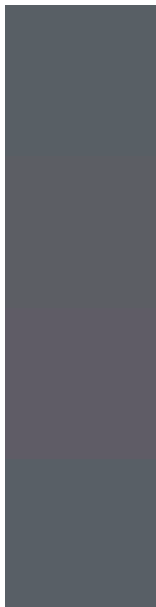
33.3079, 2.1884, -1.8136



Tritanopia

33.4939, -2.5766, -1.6580

Trichromacy



Original Color

33.4645, -2.7388, -1.2407

Protanomaly

33.4676, -1.4113, -0.7611

Deuteranomaly

33.2363, 0.6167, -1.9334

Tritanomaly

33.4939, -2.5766, -1.6580

Monochromacy



Original Color

33.4645, -2.7388, -1.2407

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

33.3823, -1.8783, 0.4509

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.4645, -2.7388, -1.2407 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(88, 95, 101)` looks like.

```
.text, #text, p{  
    color:rgb(88, 95, 101)  
}
```

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(88, 95, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 95, 101) }
```

Border

The CSS property to change the border of an element to HunterLab 33.4645, -2.7388, -1.2407 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(88, 95, 101) }
```


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

```
.border{ border-color:rgb(88, 95, 101) }
```

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

Here you see how a box with a 4 pixel rgb(88, 95, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 95, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 95, 101);  
box-shadow:4px 4px 4px 4px rgb(88, 95,  
101) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.4645, -2.7388, -1.2407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 95, 101) }
```

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

```
.background{ background-color: rgb(88, 95,  
101) }
```

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