

Converting Colors

HunterLab(33.5028, 2.6994,
-42.3052)

Have a look what the booklet for
HunterLab(33.5028, 2.6994,
-42.3052) contains.

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Color

**HunterLab(33.5028, 2.6994,
-42.3052)**

Conversions

Conversions Part 1

Format	Color
Hex	215FA5
RGB	33, 95, 165
RGB Percent	13%, 37%, 65%
CMY	0.8705, 0.6274, 0.3529
CMYK	0.80, 0.42, 0.00, 0.35
HSL	212°, 67%, 39%
HSV	212°, 80%, 65%
XYZ	11.5109, 11.2244, 37.1572
YIQ	84.4420, -59.4220, 8.6260

Conversions

Conversions Part 2

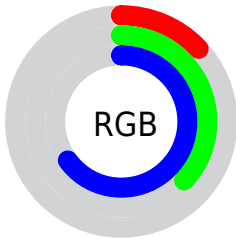
Format	Color
R_{YB}	33, 75, 165
Decimal	2187173
CIE _{Lab}	39.96, 6.19, -43.29
CIE _{LCh}	40, 43.727, 278.138
Yxy	11.2247, 0.1922, 0.1874
Android (android.graphics.Color)	4280377253 (0xFF215FA5)
YUV	84.4420, 39.7151, -45.1146
Hunter-Lab	33.5028, 2.6994, -42.3052

Details

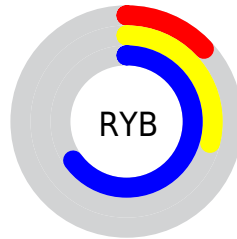
The HunterLab color **33.5028, 2.6994, -42.3052** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **42.2041, 13.4519, 24.2190**, and the grayscale version is **29.8129, -1.5907, 1.6198**.

A 20% lighter version of the original color is **53.0320, 2.5233, -43.7567**, and **18.5770, 6.5516, -37.3627** is the 20% darker color. If you saturate the color by 10%, you get **30.8658, 5.9089, -49.2566**, and if you desaturate by 10%, it is **36.3773, 0.1705, -35.6008**.

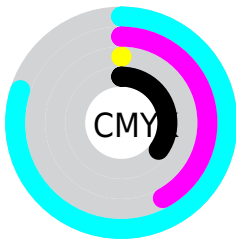
Distribution



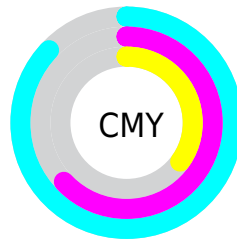
- Red (13%)
- Green (37%)
- Blue (65%)



- Red (13%)
- Yellow (29%)
- Blue (65%)



- Cyan (80%)
- Magenta (42%)
- Yellow (0%)
- Black (35%)



- Cyan (87%)
- Magenta (63%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.5028, 2.6994, -42.3052 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 33.5028, 2.6994, -42.3052 by changing the saturation by 10% instead.

■ 33.5028, 2.6994,
-42.3052

■ 33.5028, 2.6994,
-42.3052

■ 141.1392, -0.4007,
-47.8871

■ 24.9363, 2.7593,
-42.0638

■ 52.9858, 2.3657,
-43.4808

■ 17.2575, 2.7283,
-42.4847

■ 63.7867, 2.1082,
-44.1752

■ 10.5847, 2.5832,
-44.6135

■ 75.2357, 1.7986,
-44.8727

0.0000, INF, -NF

0.0000, NaN, -NF

■ 87.2979, 1.4413,
-45.5509

0.0000, NaN, -NF

■ 99.9436, 1.0400,
-46.1969

0.0000, NaN, NaN

■ 113.1471, 0.5977,

0.0000, NaN, NaN

-46.8039

0.0000, NaN, NaN

126.8857, 0.1167,
-47.3679

■ 33.5028, 2.6994,
-42.3052

■ 33.5028, 2.6994,
-42.3052

■ 30.8658, 5.9089,
-49.2566

■ 36.3773, 0.1705,
-35.6008

■ 28.4511, 9.6918,
-56.4818

■ 39.4648, -1.7211,
-29.1921

■ 28.4496, 9.6943,
-56.4866

■ 42.7431, -3.0382,
-23.0933

■ 46.1910, -3.8500,
-17.2972

■ 49.7899, -4.2232,
-11.7834

■ 53.5237, -4.2178,
-6.5254

■ 57.3787, -3.8860,
-1.4950

■ 61.3430, -3.2725,
3.3358

■ 65.4069, -2.4148,
7.9926

Harmonies

Analogous

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



33.5033, -12.5417, -38.5607



33.5028, 2.6994, -42.3052



33.5033, 19.5197, -30.5325

Triad

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



33.5033, 2.7001, -42.3044



33.5033, 26.1581, 15.3761



33.5033, -25.9244, 11.0304

Complementary

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



33.5028, 2.6994, -42.3052



42.2041, 13.4519, 24.2190

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.



33.5033, -18.8235, 17.6885



33.5028, 2.6994, -42.3052



33.5033, 10.5171, 19.2463

Square

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



33.5033, 2.7001, -42.3044



33.5033, 34.6353, 5.7253



33.5033, -6.0544, 19.8277



33.5033, -27.2294, -2.6122

Rectangle

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



33.5028, 2.6994, -42.3052



33.5033, 28.7179, -17.7108



33.5033, -6.0544, 19.8277



33.5033, -24.2109, 13.9298

Sweetspot

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



33.5033, 2.7001, -42.3044



69.3855, -5.7055, -11.8214



53.0826, -37.6058, 18.2402



31.6553, -2.6607, -6.6456



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



33.5033, 2.7001, -42.3044



38.7985, 11.8637, -73.3081



20.4107, 34.5599, -90.2237



27.1713, -1.8141, -0.5341



24.9429, 8.0261, -48.5025



4.7452, -0.8202, -4.1605

Inverse Universe

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



31.4864, 47.6623, -0.1508



39.4147, 68.8812, 5.3304



58.9795, -16.0718, 34.6144



26.7184, 1.3827, 0.7954



25.4405, 45.2208, 3.6237



3.8148, 7.0146, -1.2681

Previews

White Background



This preview shows how the HunterLab color 33.5028, 2.6994, -42.3052 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 33.5028, 2.6994, -42.3052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

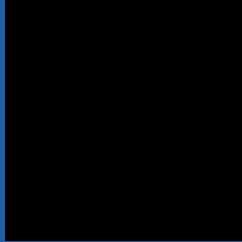
Any Text WCAG AA × Fail

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 33.5028, 2.6994, -42.3052 Background



This preview shows how black text looks on a background with the HunterLab color 33.5028, 2.6994, -42.3052.



This preview shows how white text looks on a background with the HunterLab color 33.5028, 2.6994, -42.3052.

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

33.5028, 2.6994, -42.3052

Protanopia

33.3880, 7.3970, -39.9978

Deuteranopia

33.4785, 2.6182, -42.3672



Tritanopia

33.2723, -15.9789, -7.0936

Trichromacy



Original Color

33.5028, 2.6994, -42.3052

Protanomaly

33.2095, 5.5993, -41.3008

Deuteranomaly

33.4785, 2.6182, -42.3672

Tritanomaly

33.2027, -10.2469, -18.0638

Monochromacy



Original Color

33.5028, 2.6994, -42.3052

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

30.4886, -2.7102, -11.6416

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.5028, 2.6994, -42.3052 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(33, 95, 165)` looks like.

```
.text, #text, p{  
    color:rgb(33, 95, 165)  
}
```

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(33, 95, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 95, 165) }
```

Border

The CSS property to change the border of an element to HunterLab 33.5028, 2.6994, -42.3052 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(33, 95, 165) }
```


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

```
.border{ border-color:rgb(33, 95, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 95, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 95, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 95, 165);  
box-shadow:4px 4px 4px 4px rgb(33, 95,  
165) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.5028, 2.6994, -42.3052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 95, 165) }
```

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

```
.background{ background-color: rgb(33, 95,  
165) }
```

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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