

Converting Colors

HunterLab(29.0260, 33.8909,
-94.2802)

Have a look what the booklet for
HunterLab(29.0260, 33.8909,
-94.2802) contains.

HunterLab(29.0630, 33.8146, -94.2295)	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>	30

Color

**HunterLab(29.0630, 33.8146,
-94.2295)**

Conversions

Conversions Part 1

Format	Color
Hex	363EC9
RGB	54, 62, 201
RGB Percent	21%, 24%, 79%
CMY	0.7882, 0.7569, 0.2118
CMYK	0.73, 0.69, 0.00, 0.21
HSL	237°, 58%, 50%
HSV	237°, 73%, 79%
XYZ	13.7866, 8.4466, 56.1621
YIQ	75.4540, -49.3870, 41.5330

Conversions

Conversions Part 2

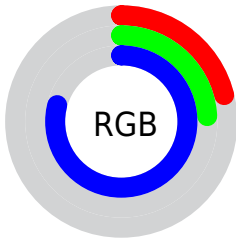
Format	Color
R_{YB}	54, 62, 201
Decimal	3555017
CIE _{Lab}	34.90, 43.33, -72.64
CIE _{LCh}	35, 84.585, 300.816
Yxy	8.4467, 0.1759, 0.1077
Android (android.graphics.Color)	4281745097 (0xFF363EC9)
YUV	75.4540, 61.8942, -18.8152
Hunter-Lab	29.0630, 33.8146, -94.2295

Details

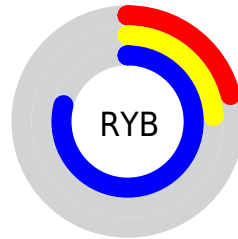
The HunterLab color **29.0630, 33.8146, -94.2295** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **71.2946, -15.0381, 40.7647**, and the grayscale version is **26.4870, -1.4133, 1.4391**.

A 20% lighter version of the original color is **47.4441, 36.0577, -88.3634**, and **15.8365, 33.2041, -91.4722** is the 20% darker color. If you saturate the color by 10%, you get **25.0654, 42.0404, -114.5284**, and if you desaturate by 10%, it is **34.0046, 26.1506, -74.9371**.

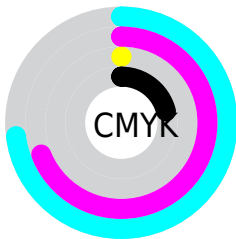
Distribution



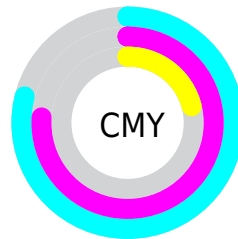
- Red (21%)
- Green (24%)
- Blue (79%)



- Red (21%)
- Yellow (24%)
- Blue (79%)



- Cyan (73%)
- Magenta (69%)
- Yellow (0%)
- Black (21%)



- Cyan (79%)
- Magenta (76%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.0630, 33.8146, -94.2295 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 29.0630, 33.8146, -94.2295 by changing the saturation by 10% instead.

■ 29.0630, 33.8146,
-94.2295

■ 29.0630, 33.8146,
-94.2295

■ 133.8638, 45.0144,
-95.7329

■ 20.9335, 32.0382,
-98.4354

■ 47.7804, 37.0527,
-91.5482

■ 13.7460, 30.2407,
-107.5656

■ 58.2381, 38.4923,
-91.4803

■ 7.3625, 30.8811,
-135.5051

■ 69.3639, 39.8189,
-91.8158

0.0000, INF, -NF

■ 81.1198, 41.0401,
-92.3978

0.0000, NaN, -NF

■ 93.4738, 42.1636,
-93.1313

0.0000, NaN, -NF

■ 106.3980, 43.1963,

0.0000, NaN, NaN

-93.9559

0.0000, NaN, NaN

119.8685, 44.1447,
-94.8320

■ 29.0630, 33.8146,
-94.2295

■ 29.0630, 33.8146,
-94.2295

■ 25.0654, 42.0404,
-114.5284

■ 34.0046, 26.1506,
-74.9371

■ 22.2744, 49.5479,
-132.4944

■ 39.6547, 19.4562,
-57.8447

■ 21.1061, 53.2314,
-141.2920

■ 45.8412, 13.7058,
-42.9832

■ 52.4448, 8.7375,
-30.0018

■ 59.3833, 4.3807,
-18.5034

■ 66.5990, 0.4935,
-8.1476

■ 74.0503, -3.0341,
1.3322

■ 81.7062, -6.2849,
10.1386

■ 89.5434, -9.3210,
18.4243

Harmonies

Analogous

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



29.0633, -0.7354, -121.7515



29.0630, 33.8146, -94.2295



29.0633, 66.8844, -39.2560

Triad

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



29.0633, 33.8165, -94.2287



29.0633, 31.8145, 20.3443



29.0633, -39.4204, 0.7985

Complementary

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



29.0630, 33.8146, -94.2295



71.2946, -15.0381, 40.7647

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.



29.0633, -36.4657, 17.5512



29.0630, 33.8146, -94.2295



29.0633, -2.3603, 20.3443

Square

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



29.0633, 33.8165, -94.2287



29.0633, 65.4389, 17.9106



29.0633, -25.3791, 20.3443



29.0633, -36.1052, -42.1957

Rectangle

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



29.0630, 33.8146, -94.2295



29.0633, 78.8998, -8.4777



29.0633, -25.3791, 20.3443



29.0633, -39.1443, 8.9774

Sweetspot

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



29.0633, 33.8165, -94.2287



78.4637, 5.2934, -23.0474



68.0651, -35.6275, -1.7192



35.1241, 3.1360, -12.4840

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



29.0633, 33.8165, -94.2287



30.3613, 61.2745, -164.9705



32.6915, 48.1358, -79.2311



32.2155, -0.4030, -2.0891



16.8643, 41.6686, -111.0296



4.0947, 7.4348, -21.1677

Inverse Universe

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



39.2488, 50.8186, 18.1903



47.3203, 76.1933, 27.6534



68.8361, -37.6925, 38.7495



32.6284, 1.2006, 2.5312



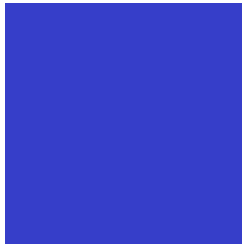
27.9769, 47.9809, 17.5395



6.1151, 10.5418, 3.4125

Previews

White Background



This preview shows how the HunterLab color 29.0630, 33.8146, -94.2295 looks on a white background.

Color Contrast Check

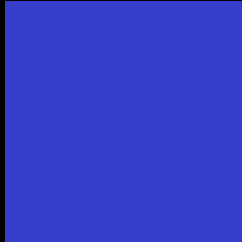
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 29.0630, 33.8146, -94.2295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

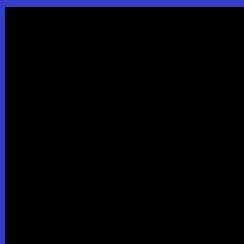
Any Text WCAG AA × Fail

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 29.0630, 33.8146, -94.2295 Background



This preview shows how black text looks on a background with the HunterLab color 29.0630, 33.8146, -94.2295.



This preview shows how white text looks on a background with the HunterLab color 29.0630, 33.8146, -94.2295.

-94.2295.

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

29.0630, 33.8146, -94.2295

Protanopia

28.8880, 9.2526, -56.0810

Tritanopia

28.8560, -14.2957, -5.2071

Trichromacy



Original Color

29.0630, 33.8146, -94.2295

Protanomaly

28.5806, 17.4837, -70.5551

Tritanomaly

27.5813, 0.0137, -31.4880

Monochromacy



Original Color

29.0630, 33.8146, -94.2295

Achromatopsia

26.5255, -1.4153, 1.4412

Achromatomaly

26.3706, 7.7054, -24.2862

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.0630, 33.8146, -94.2295 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(54, 62, 201)` looks like.

```
.text, #text, p{  
    color:rgb(54, 62, 201)  
}
```

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(54, 62, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 62, 201) }
```

Border

The CSS property to change the border of an element to HunterLab 29.0630, 33.8146, -94.2295 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(54, 62, 201) }
```

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

```
.border{ border-color:rgb(54, 62, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 62, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 62, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 62, 201);  
box-shadow:4px 4px 4px 4px rgb(54, 62,  
201) }
```


Background

The CSS property to change the background color of an element to HunterLab 29.0630, 33.8146, -94.2295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 62, 201) }
```

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

```
.background{ background-color: rgb(54, 62,  
201) }
```

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