

Converting Colors

HunterLab(37.0408, 28.2934,
-95.1458)

Have a look what the booklet for
HunterLab(37.0408, 28.2934,
-95.1458) contains.

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Color

**HunterLab(37.1237, 28.1913,
-95.0215)**

Conversions

Conversions Part 1

Format	Color
Hex	375AE5
RGB	55, 90, 229
RGB Percent	22%, 35%, 90%
CMY	0.7843, 0.6471, 0.1020
CMYK	0.76, 0.61, 0.00, 0.10
HSL	228°, 77%, 56%
HSV	228°, 76%, 90%
XYZ	19.3746, 13.7817, 75.7677
YIQ	95.3810, -65.4790, 35.8090

Conversions

Conversions Part 2

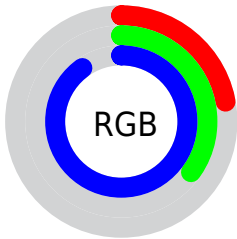
Format	Color
R_{YB}	55, 84, 229
Decimal	3627749
CIE _{Lab}	43.92, 36.00, -73.92
CIE _{LCh}	44, 82.221, 295.963
Yxy	13.7820, 0.1779, 0.1265
Android (android.graphics.Color)	4281817829 (0xFF375AE5)
YUV	95.3810, 65.8742, -35.4141
Hunter-Lab	37.1237, 28.1913, -95.0215

Details

The HunterLab color **37.1237, 28.1913, -95.0215** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **74.5145, -5.1198, 42.9486**, and the grayscale version is **33.7515, -1.8009, 1.8338**.

A 20% lighter version of the original color is **55.2161, 20.3343, -67.2081**, and **22.0348, 29.3627, -90.9271** is the 20% darker color. If you saturate the color by 10%, you get **32.5002, 36.7152, -114.5642**, and if you desaturate by 10%, it is **42.4978, 20.8539, -76.8679**.

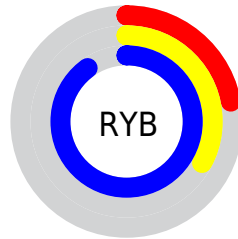
Distribution



Red (22%)

Green (35%)

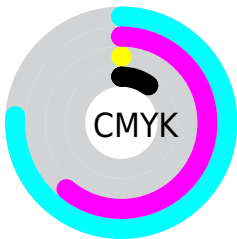
Blue (90%)



Red (22%)

Yellow (33%)

Blue (90%)

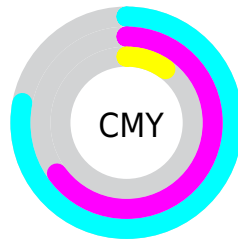


Cyan (76%)

Magenta (61%)

Yellow (0%)

Black (10%)



Cyan (78%)














Magenta (65%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.1237, 28.1913, -95.0215 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 37.1237, 28.1913, -95.0215 by changing the saturation by 10% instead.

 37.1237, 28.1913, -95.0215	 37.1237, 28.1913, -95.0215
 146.9253, 36.1724, -98.8728	 28.2298, 26.7750, -97.3013
 57.1854, 30.6488, -93.8796	 20.1872, 25.2274, -102.1432
 68.2477, 31.7048, -94.1366	 13.0986, 23.5870, -112.6244
 79.9435, 32.6593, -94.6699	 6.5865, 25.7568, -150.8650
 92.2402, 33.5208, -95.3745	0.0000, INF, -NF
	0.0000, NaN, -NF
 105.1098, 34.2967, -96.1841	0.0000, NaN, -NF
 118.5278, 34.9937, -96.1841	0.0000, NaN, -NF

-97.0549

0.0000, NaN, NaN

132.4727, 35.6173,
-97.9579

■ 37.1237, 28.1913,
-95.0215

■ 37.1237, 28.1913,
-95.0215

■ 32.5002, 36.7152,
-114.5642

■ 42.4978, 20.8539,
-76.8679

■ 28.8102, 45.9262,
-133.9974

■ 48.4625, 14.7323,
-60.5708

■ 27.5952, 49.5243,
-141.4003

■ 54.8969, 9.6763,
-46.0647

■ 61.7115, 5.4938,
-33.0979

■ 68.8409, 2.0093,
-21.3900

■ 76.2366, -0.9208,
-10.6904

■ 83.8623, -3.4095,
-0.7928

■ 91.6900, -5.5440,
8.4674

■ 99.1051, -9.4720,
16.5543

Harmonies

Analogous

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



37.1241, -6.1231, -112.3687



37.1237, 28.1913, -95.0215



37.1241, 62.1722, -46.3945

Triad

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



37.1241, 28.1931, -95.0204



37.1241, 38.0423, 25.1397



37.1241, -44.9492, 5.8274

Complementary

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



37.1237, 28.1913, -95.0215



74.5145, -5.1198, 42.9486

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.



37.1241, -39.8368, 21.9002



37.1237, 28.1913, -95.0215



37.1241, 2.3472, 25.9869

Square

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



37.1241, 28.1931, -95.0204



37.1241, 69.0562, 19.3575



37.1241, -24.8180, 25.7860



37.1241, -42.0626, -32.7738

Rectangle

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



37.1237, 28.1913, -95.0215



37.1241, 76.2536, -14.7096



37.1241, -24.8180, 25.7860



37.1241, -44.1723, 13.3929

Sweetspot

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



37.1241, 28.1931, -95.0204



80.1152, 1.2722, -20.6264



77.8630, -46.7772, 9.4937



35.6792, 1.1832, -11.6444

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



37.1241, 28.1931, -95.0204



34.2541, 47.2371, -141.8214



33.6934, 53.6391, -108.7435



37.8868, -1.2075, -1.9401



21.1891, 36.3257, -104.9013



6.7944, 6.7325, -23.0259

Inverse Universe

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



44.8664, 62.8214, 15.9640



47.2315, 78.4875, 23.2847



81.2297, -37.8536, 46.7513



37.9673, 1.7038, 2.3089



31.0660, 53.6094, 16.9121



8.5222, 14.8583, 3.4627

Previews

White Background



This preview shows how the HunterLab color 37.1237, 28.1913, -95.0215 looks on a white background.

Color Contrast Check

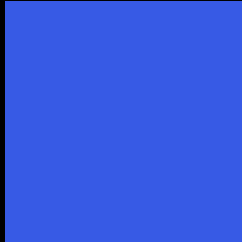
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.1237, 28.1913, -95.0215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

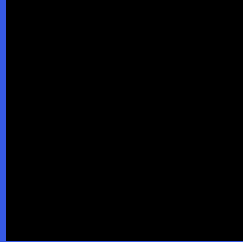
Any Text WCAG AA × Fail

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 37.1237, 28.1913, -95.0215 Background



This preview shows how black text looks on a background with the HunterLab color 37.1237, 28.1913, -95.0215.



This preview shows how white text looks on a background with the HunterLab color 37.1237, 28.1913, -95.0215.

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

37.1237, 28.1913, -95.0215

Protanopia

36.8467, 13.4872, -75.1702

Deuteranopia

36.9381, 0.5692, -47.3983

Trichromacy



Original Color

37.1237, 28.1913, -95.0215

Protanomaly

36.7753, 18.1372, -82.8572

Deuteranomaly

36.5244, 9.5788, -64.0528

Monochromacy



Original Color

37.1237, 28.1913, -95.0215

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

33.9820, 4.9129, -25.0105

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.1237, 28.1913, -95.0215 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(55, 90, 229)` looks like.

```
.text, #text, p{  
    color:rgb(55, 90, 229)  
}
```

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(55, 90, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 90, 229) }
```

Border

The CSS property to change the border of an element to HunterLab 37.1237, 28.1913, -95.0215 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(55, 90, 229) }
```

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

```
.border{ border-color:rgb(55, 90, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 90, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 90, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 90, 229);  
box-shadow:4px 4px 4px 4px rgb(55, 90,  
229) }
```


Background

The CSS property to change the background color of an element to HunterLab 37.1237, 28.1913, -95.0215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 90, 229) }
```

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

```
.background{ background-color: rgb(55, 90,  
229) }
```

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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