

Converting Colors

HunterLab(37.5627, 36.7583,
-93.6690)

Have a look what the booklet for
HunterLab(37.5627, 36.7583,
-93.6690) contains.

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Color

**HunterLab(37.4397, 36.7592,
-93.6775)**

Conversions

Conversions Part 1

Format	Color
Hex	5A53E5
RGB	90, 83, 229
RGB Percent	35%, 33%, 90%
CMY	0.6470, 0.6745, 0.1020
CMYK	0.61, 0.64, 0.00, 0.10
HSL	243°, 74%, 61%
HSV	243°, 64%, 90%
XYZ	21.4526, 14.0173, 75.7036
YIQ	101.7370, -42.6940, 46.8900

Conversions

Conversions Part 2

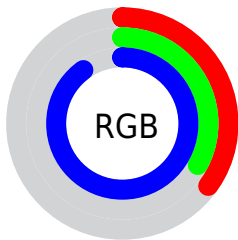
Format	Color
R _Y B	90, 83, 229
Decimal	5919717
CIE Lab	44.26, 44.70, -73.29
CIE LCh	44, 85.842, 301.379
Yxy	14.0177, 0.1930, 0.1261
Android (android.graphics.Color)	4284109797 (0xFF5A53E5)
YUV	101.7370, 62.7407, -10.2933
Hunter-Lab	37.4397, 36.7592, -93.6775

Details

The HunterLab color **37.4397, 36.7592, -93.6775** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted blue. A complement of this color would be **84.9658, -23.2639, 46.2377**, and the grayscale version is **36.1355, -1.9281, 1.9633**.

A 20% lighter version of the original color is **55.3809, 30.0310, -66.6345**, and **20.7405, 33.4840, -98.2061** is the 20% darker color. If you saturate the color by 10%, you get **31.8366, 46.1175, -117.6270**, and if you desaturate by 10%, it is **44.0191, 28.1726, -72.2281**.

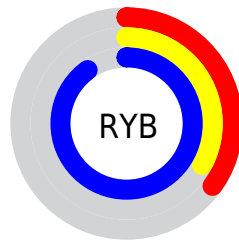
Distribution



Red (35%)

Green (33%)

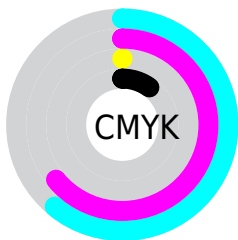
Blue (90%)



Red (35%)

Yellow (33%)

Blue (90%)

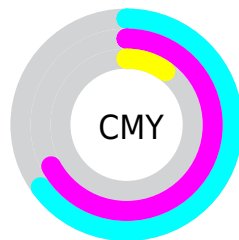


Cyan (61%)

Magenta (64%)

Yellow (0%)

Black (10%)



Cyan (65%)












Magenta (67%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.4397, 36.7592, -93.6775 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 37.4397, 36.7592, -93.6775 by changing the saturation by 10% instead.

 37.4397, 36.7592, -93.6775	 37.4397, 36.7592, -93.6775
147.4248, 47.5660, -97.7490	 28.5183, 35.0301, -95.8063
 57.5503, 39.8729, -92.6810	 20.4454, 33.2094, -100.3738
 68.6347, 41.2566, -92.9732	 13.3223, 31.4001, -110.2802
 80.3514, 42.5340, -93.5284	 6.8660, 33.4682, -144.1346
 92.6680, 43.7124, -94.2461	0.0000, INF, -NF
	0.0000, NaN, -NF
 105.5566, 44.7988, -95.0624	0.0000, NaN, -NF
118.9929, 45.7994,	0.0000, NaN, -NF

-95.9357

0.0000, NaN, NaN

132.9553, 46.7202,
-96.8376

■ 37.4397, 36.7592,
-93.6775

■ 37.4397, 36.7592,
-93.6775

■ 31.8366, 46.1175,
-117.6270

■ 44.0191, 28.1726,
-72.2281

■ 27.5374, 55.2366,
-141.6700

■ 51.3237, 20.5594,
-53.6497

■ 24.8617, 61.9997,
-160.3773

■ 59.1824, 13.8142,
-37.5541

■ 23.9338, 64.6234,
-167.7572

■ 67.4785, 7.7613,
-23.4177

■ 76.1320, 2.2388,
-10.7788

■ 85.0862, -2.8824,
0.7244

■ 94.2996, -7.7006,
11.3642

■ 99.2155, -9.6506,
16.6685

Harmonies

Analogous

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



37.4402, -0.4724, -120.9514



37.4397, 36.7592, -93.6775



37.4402, 70.8747, -39.5182

Triad

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



37.4402, 36.7607, -93.6763



37.4402, 33.1975, 26.1024



37.4402, -46.4502, 0.5677

Complementary

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



37.4397, 36.7592, -93.6775



84.9658, -23.2639, 46.2377

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.



37.4402, -42.7965, 20.8767



37.4397, 36.7592, -93.6775



37.4402, -3.5029, 26.2081

Square

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



37.4402, 36.7607, -93.6763



37.4402, 68.3683, 21.7372



37.4402, -29.4735, 25.8737



37.4402, -42.0243, -44.5030

Rectangle

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



37.4397, 36.7592, -93.6775



37.4402, 82.8327, -8.1014



37.4402, -29.4735, 25.8737



37.4402, -46.1376, 9.9526

Sweetspot

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



37.4402, 36.7607, -93.6763



80.7249, 5.8065, -19.6426



78.0252, -34.9653, -8.8627



36.0543, 3.5288, -11.0221

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



37.4402, 36.7607, -93.6763



33.9760, 56.0454, -143.1787



44.0532, 52.1924, -71.7091



37.3095, -0.0026, -2.6657



18.1377, 48.8937, -126.5132



5.0479, 13.3795, -33.4418

Inverse Universe

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



53.0265, 70.7704, -43.3508



55.6596, 92.9487, -56.5880



79.5333, -44.0949, 42.1355



38.2134, 3.0238, -1.1925



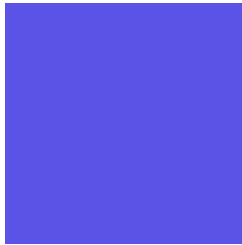
35.2476, 68.5891, -40.9940



9.6010, 18.7124, -11.3958

Previews

White Background



This preview shows how the HunterLab color 37.4397, 36.7592, -93.6775 looks on a white background.

Color Contrast Check

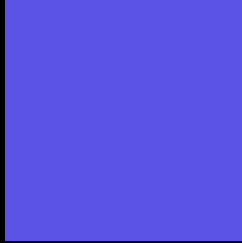
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.4397, 36.7592, -93.6775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

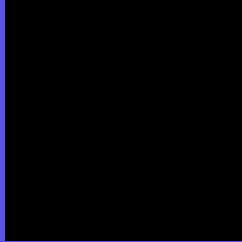
Any Text WCAG AA × Fail

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 37.4397, 36.7592, -93.6775 Background



This preview shows how black text looks on a background with the HunterLab color 37.4397, 36.7592, -93.6775.



This preview shows how white text looks on a background with the HunterLab color 37.4397, 36.7592, -93.6775.

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

37.4397, 36.7592, -93.6775

Protanopia

37.2395, 13.6367, -75.9838

Deuteranopia

37.3287, 0.6880, -48.1427



Tritanopia

37.2515, -15.3953, -7.1404

Trichromacy



Original Color

37.4397, 36.7592, -93.6775

Protanomaly

36.5933, 20.2759, -84.5665

Deuteranomaly

36.3715, 12.0276, -66.4534

Tritanomaly

36.3029, 0.6815, -33.4453

Monochromacy



Original Color

37.4397, 36.7592, -93.6775

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

35.9433, 8.9819, -23.9099

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.4397, 36.7592, -93.6775 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(90, 83, 229)` looks like.

```
.text, #text, p{  
    color:rgb(90, 83, 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(90, 83, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 83, 229) }
```

Border

The CSS property to change the border of an element to HunterLab 37.4397, 36.7592, -93.6775 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(90, 83, 229) }
```


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

```
.border{ border-color:rgb(90, 83, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 83, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 83, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 83, 229);  
box-shadow:4px 4px 4px 4px rgb(90, 83,  
229) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.4397, 36.7592, -93.6775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 83, 229) }
```

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

```
.background{ background-color: rgb(90, 83,  
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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