

Converting Colors

HunterLab(37.0701, 16.1986,
-47.6568)

Have a look what the booklet for
HunterLab(37.0701, 16.1986,
-47.6568) contains.

HunterLab(37.1295, 16.0303, -47.5103)	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(37.1295, 16.0303,
-47.5103)**

Conversions

Conversions Part 1

Format	Color
Hex	5B5FB6
RGB	91, 95, 182
RGB Percent	36%, 37%, 71%
CMY	0.6431, 0.6274, 0.2863
CMYK	0.50, 0.48, 0.00, 0.29
HSL	237°, 38%, 54%
HSV	237°, 50%, 71%
XYZ	16.8501, 13.7860, 46.0289
YIQ	103.7220, -30.3110, 26.2090

Conversions

Conversions Part 2

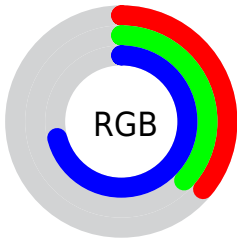
Format	Color
R_{YB}	91, 95, 182
Decimal	5988278
CIE _{Lab}	43.93, 22.59, -46.78
CIE _{LCh}	44, 51.951, 295.772
Yxy	13.7865, 0.2198, 0.1798
Android (android.graphics.Color)	4284178358 (0xFF5B5FB6)
YUV	103.7220, 38.5911, -11.1572
Hunter-Lab	37.1295, 16.0303, -47.5103

Details

The HunterLab color $37.1295, 16.0303, -47.5103$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $65.2248, -12.6091, 30.9726$, and the grayscale version is $36.9690, -1.9726, 2.0086$.

A 20% lighter version of the original color is $57.0393, 17.2593, -48.6312$, and $20.1549, 14.2384, -47.4072$ is the 20% darker color. If you saturate the color by 10%, you get $31.9037, 21.7846, -62.2058$, and if you desaturate by 10%, it is $42.8005, 11.0700, -34.7394$.

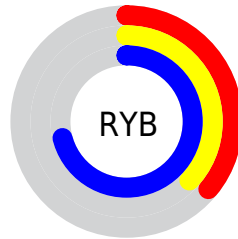
Distribution



Red (36%)

Green (37%)

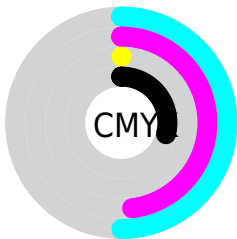
Blue (71%)



Red (36%)

Yellow (37%)

Blue (71%)

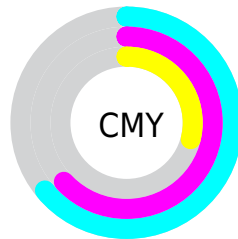


Cyan (50%)

Magenta (48%)

Yellow (0%)

Black (29%)



Cyan (64%)

Magenta (63%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.1295, 16.0303, -47.5103 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 37.1295, 16.0303, -47.5103 by changing the saturation by 10% instead.

■ 37.1295, 16.0303,
-47.5103

■ 37.1295, 16.0303,
-47.5103

■ 146.9348, 19.2168,
-53.3886

■ 28.2353, 15.2153,
-47.2629

■ 57.1923, 17.3101,
-48.7023

■ 20.1921, 14.2591,
-47.6337

■ 68.2550, 17.8020,
-49.4184

■ 13.1029, 13.1433,
-49.4666

■ 79.9512, 18.2094,
-50.1459

■ 6.5919, 14.7431,
-60.7733

■ 92.2483, 18.5402,
-50.8608

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 105.1183, 18.8012,
-51.5491

0.0000, NaN, -NF

■ 118.5367, 18.9980,

0.0000, NaN, NaN

-52.2027

0.0000, NaN, NaN

132.4819, 19.1352,
-52.8167

■ 37.1295, 16.0303,
-47.5103

■ 37.1295, 16.0303,
-47.5103

■ 31.9037, 21.7846,
-62.2058

■ 42.8005, 11.0700,
-34.7394

■ 27.2603, 28.4074,
-78.9606

■ 48.8194, 6.7520,
-23.5477

■ 23.3945, 35.6794,
-97.1211

■ 55.1207, 2.9326,
-13.5874

■ 20.5437, 42.7087,
-114.3189

■ 61.6577, -0.5049,
-4.5725

■ 18.8443, 47.8257,
-126.7949

■ 68.3965, -3.6500,
3.7177

■ 18.8440, 47.8265,
-126.7971

■ 75.3116, -6.5698,
11.4503

■ 82.3838, -9.3148,
18.7510

■ 89.5975, -11.9230,
25.7148

■ 96.9404, -14.4232,
32.4140

Harmonies

Analogous

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



37.1301, -4.7440, -55.1427



37.1295, 16.0303, -47.5103



37.1301, 34.9595, -24.6116

Triad

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



37.1301, 16.0306, -47.5092



37.1301, 21.9068, 21.2103



37.1301, -32.7947, 4.5891

Complementary

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



37.1295, 16.0303, -47.5103



65.2248, -12.6091, 30.9726

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.



37.1301, -28.4736, 17.1494



37.1295, 16.0303, -47.5103



37.1301, 0.8608, 23.0208

Square

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



37.1301, 16.0306, -47.5092



37.1301, 38.8198, 14.5557



37.1301, -17.1065, 22.0638



37.1301, -30.3869, -17.3875

Rectangle

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



37.1295, 16.0303, -47.5103



37.1301, 42.5106, -8.0092



37.1301, -17.1065, 22.0638



37.1301, -32.1109, 9.8549

Sweetspot

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



37.1301, 16.0306, -47.5092



78.3575, 1.6969, -12.3979



62.3481, -26.0155, -1.8160



35.9595, 1.2602, -7.0393



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



37.1301, 16.0306, -47.5092



42.2817, 30.1864, -85.9293



39.7014, 28.0570, -41.1373



29.6328, -0.3431, -1.9135



15.9167, 39.8471, -105.9130



3.3291, 6.1618, -17.4626

Inverse Universe

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



42.7251, 30.0901, 11.8293



52.0877, 50.7519, 18.9381



63.1497, -26.8160, 29.1496



30.0307, 1.0614, 2.3571



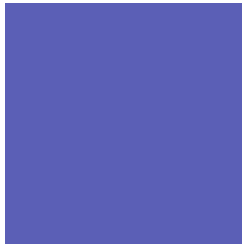
26.5294, 45.4888, 16.7051



5.0028, 8.6215, 2.8143

Previews

White Background



This preview shows how the HunterLab color 37.1295, 16.0303, -47.5103 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 37.1295, 16.0303, -47.5103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

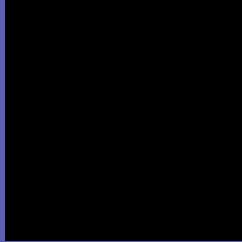
Any Text WCAG AA × Fail

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 37.1295, 16.0303, -47.5103 Background



This preview shows how black text looks on a background with the HunterLab color 37.1295, 16.0303, -47.5103.



This preview shows how white text looks on a background with the HunterLab color 37.1295, 16.0303, -47.5103.

-47.5103.

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

37.1295, 16.0303, -47.5103

Protanopia

37.3233, 9.5559, -52.4127

Deuteranopia

37.2988, 3.0954, -45.6011



Tritanopia

37.1798, -9.8328, -5.0938

Trichromacy



Original Color

37.1295, 16.0303, -47.5103

Protanomaly

37.2110, 11.6192, -50.8853

Deuteranomaly

36.8839, 7.3569, -47.4161

Tritanomaly

36.9809, -1.6013, -18.2700

Monochromacy



Original Color

37.1295, 16.0303, -47.5103

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

36.9133, 2.9273, -12.2658

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.1295, 16.0303, -47.5103 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(91, 95, 182)` looks like.

```
.text, #text, p{  
    color:rgb(91, 95, 182)  
}
```

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(91, 95, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 95, 182) }
```

Border

The CSS property to change the border of an element to HunterLab 37.1295, 16.0303, -47.5103 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(91, 95, 182) }
```


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

```
.border{ border-color:rgb(91, 95, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 95, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 95, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 95, 182);  
box-shadow:4px 4px 4px 4px rgb(91, 95,  
182) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.1295, 16.0303, -47.5103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 95, 182) }
```

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

```
.background{ background-color: rgb(91, 95,  
182) }
```

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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