

Converting Colors

HunterLab(37.2363, 12.5669,
-37.3770)

Have a look what the booklet for
HunterLab(37.2363, 12.5669,
-37.3770) contains.

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Color

**HunterLab(37.2620, 12.6342,
-37.3305)**

Conversions

Conversions Part 1

Format	Color
Hex	5F61AA
RGB	95, 97, 170
RGB Percent	37%, 38%, 67%
CMY	0.6274, 0.6196, 0.3333
CMYK	0.44, 0.43, 0.00, 0.33
HSL	238°, 31%, 52%
HSV	238°, 44%, 67%
XYZ	16.2497, 13.8846, 39.8537
YIQ	104.7240, -24.6250, 22.2790

Conversions

Conversions Part 2

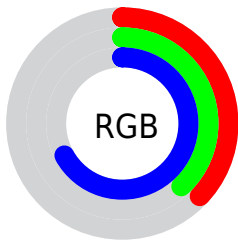
Format	Color
R _Y B	95, 97, 170
Decimal	6250922
CIE Lab	44.07, 18.60, -39.50
CIE LCh	44, 43.659, 295.211
Yxy	13.8851, 0.2322, 0.1984
Android (android.graphics.Color)	4284441002 (0xFF5F61AA)
YUV	104.7240, 32.1811, -8.5279
Hunter-Lab	37.2620, 12.6342, -37.3305

Details

The HunterLab color $[37.2620, 12.6342, -37.3305]$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $[61.1380, -11.6761, 26.9685]$, and the grayscale version is $[37.3699, -1.9940, 2.0304]$.

A 20% lighter version of the original color is $[57.4981, 13.3481, -38.5300]$, and $[20.3062, 11.1339, -36.4315]$ is the 20% darker color. If you saturate the color by 10%, you get $[32.1345, 17.6431, -50.0585]$, and if you desaturate by 10%, it is $[42.7555, 8.2785, -26.2470]$.

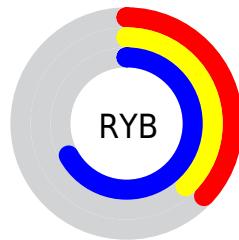
Distribution



Red (37%)

Green (38%)

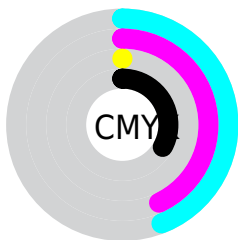
Blue (67%)



Red (37%)

Yellow (38%)

Blue (67%)

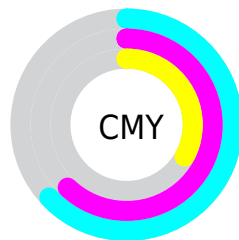


Cyan (44%)

Magenta (43%)

Yellow (0%)

Black (33%)



Cyan (63%)

Magenta (62%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.2620, 12.6342, -37.3305 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 37.2620, 12.6342, -37.3305 by changing the saturation by 10% instead.

■ 37.2620, 12.6342,
-37.3305

■ 37.2620, 12.6342,
-37.3305

■ 147.1444, 14.2978,
-42.4764

■ 28.3562, 12.0251,
-36.8388

■ 57.3454, 13.5277,
-38.6173

■ 20.3004, 11.2827,
-36.6792

■ 68.4173, 13.8387,
-39.2808

■ 13.1966, 10.3824,
-37.3627

■ 80.1223, 14.0723,
-39.9196

■ 6.7105, 11.7345,
-44.2292

■ 92.4278, 14.2360,
-40.5217

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 105.3057, 14.3357,
-41.0807

0.0000, NaN, NaN

■ 118.7318, 14.3766,

0.0000, NaN, NaN

-41.5935

0.0000, NaN, NaN

132.6844, 14.3627,
-42.0588

■ 37.2620, 12.6342,
-37.3305

■ 37.2620, 12.6342,
-37.3305

■ 32.1345, 17.6431,
-50.0585

■ 42.7555, 8.2785,
-26.2470

■ 27.4788, 23.4230,
-64.7146

■ 48.5391, 4.4366,
-16.4666

■ 23.4516, 29.9404,
-81.1730

■ 54.5621, 0.9889,
-7.6877

■ 20.2623, 36.7167,
-98.1538

■ 60.7875, -2.1580,
0.3255

■ 18.1332, 42.5051,
-112.4303

■ 67.1882, -5.0747,
7.7523

■ 17.3223, 44.9604,
-118.7080

■ 73.7437, -7.8141,
14.7272

■ 80.4380, -10.4160,
21.3513

■ 87.2584, -12.9103,
27.7014

■ 94.1944, -15.3200,
33.8359

Harmonies

Analogous

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



37.2627, -4.6227, -42.8075



37.2620, 12.6342, -37.3305



37.2627, 28.0799, -19.8392

Triad

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



37.2627, 12.6343, -37.3295



37.2627, 18.0686, 19.3615



37.2627, -28.8045, 4.4798

Complementary

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



37.2620, 12.6342, -37.3305



61.1380, -11.6761, 26.9685

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.



37.2627, -24.7858, 15.5459



37.2620, 12.6342, -37.3305



37.2627, 0.7174, 21.3926

Square

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



37.2627, 12.6343, -37.3295



37.2627, 31.5834, 12.7994



37.2627, -14.6578, 20.3897



37.2627, -26.7352, -13.3968

Rectangle

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



37.2620, 12.6342, -37.3305



37.2627, 34.2470, -6.6029



37.2627, -14.6578, 20.3897



37.2627, -28.1445, 8.9883

Sweetspot

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



37.2627, 12.6343, -37.3295



74.2222, 0.9443, -9.3680



58.3021, -22.0710, -1.8869



34.2087, 0.8979, -5.5748



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



37.2627, 12.6343, -37.3295



43.3873, 23.6531, -67.1440



39.7911, 22.5716, -31.7524



27.0765, -0.2663, -1.7541



14.9013, 38.3705, -101.4562



2.5247, 5.1800, -14.3377

Inverse Universe

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



41.9455, 23.7402, 10.2760



51.5082, 40.6157, 16.3107



58.9296, -23.0617, 25.0149



27.4689, 0.9191, 2.2001



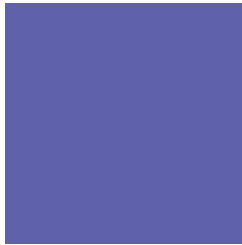
25.0903, 43.0023, 15.9459



3.9261, 6.7539, 2.3018

Previews

White Background



This preview shows how the HunterLab color 37.2620, 12.6342, -37.3305 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 37.2620, 12.6342, -37.3305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

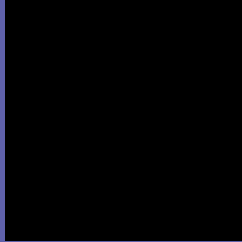
Any Text WCAG AA × Fail

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 37.2620, 12.6342, -37.3305 Background



This preview shows how black text looks on a background with the HunterLab color 37.2620, 12.6342, -37.3305.

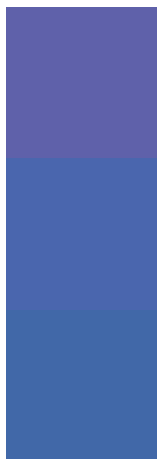


This preview shows how white text looks on a background with the HunterLab color 37.2620, 12.6342, -37.3305.

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

37.2620, 12.6342, -37.3305

Protanopia

37.4361, 7.0359, -40.2299

Deuteranopia

37.2177, 2.9648, -36.0308



Tritanopia

37.3778, -7.7563, -3.7996

Trichromacy



Original Color

37.2620, 12.6342, -37.3305

Protanomaly

37.3166, 9.2195, -39.6591

Deuteranomaly

37.0249, 6.5372, -37.1796

Tritanomaly

37.2279, -1.2186, -14.1779

Monochromacy



Original Color

37.2620, 12.6342, -37.3305

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

37.2215, 2.3876, -10.1051

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.2620, 12.6342, -37.3305 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(95, 97, 170)` looks like.

```
.text, #text, p{  
    color:rgb(95, 97, 170)  
}
```

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(95, 97, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 97, 170) }
```

Border

The CSS property to change the border of an element to HunterLab 37.2620, 12.6342, -37.3305 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(95, 97, 170) }
```


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

```
.border{ border-color:rgb(95, 97, 170) }
```

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

Here you see how a box with a 4 pixel rgb(95, 97, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 97, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 97, 170);  
box-shadow:4px 4px 4px 4px rgb(95, 97,  
170) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.2620, 12.6342, -37.3305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 97, 170) }
```

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

```
.background{ background-color: rgb(95, 97,  
170) }
```

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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