

Converting Colors

HunterLab(37.7669, 13.4282,
-40.1639)

Have a look what the booklet for
HunterLab(37.7669, 13.4282,
-40.1639) contains.

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Color

**HunterLab(37.7669, 13.4282,
-40.1639)**

Conversions

Conversions Part 1

Format	Color
Hex	5F62AF
RGB	95, 98, 175
RGB Percent	37%, 38%, 69%
CMY	0.6274, 0.6157, 0.3137
CMYK	0.46, 0.44, 0.00, 0.31
HSL	238°, 33%, 53%
HSV	238°, 46%, 69%
XYZ	16.8248, 14.2634, 42.4237
YIQ	105.8810, -26.5050, 23.3110

Conversions

Conversions Part 2

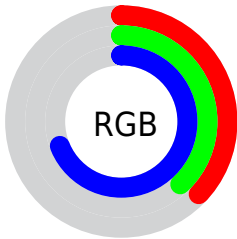
Format	Color
R_{YB}	95, 98, 175
Decimal	6251183
CIE _{Lab}	44.61, 19.50, -41.58
CIE _{LCh}	45, 45.924, 295.126
Yxy	14.2639, 0.2289, 0.1940
Android (android.graphics.Color)	4284441263 (0xFF5F62AF)
YUV	105.8810, 34.0757, -9.5426
Hunter-Lab	37.7669, 13.4282, -40.1639

Details

The HunterLab color $[37.7669, 13.4282, -40.1639]$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $[62.8063, -11.8652, 28.2721]$, and the grayscale version is $[37.8018, -2.0170, 2.0538]$.

A 20% lighter version of the original color is $[58.0120, 14.0665, -41.2737]$, and $[20.7659, 11.9330, -39.5654]$ is the 20% darker color. If you saturate the color by 10%, you get $[32.5611, 18.6336, -53.4607]$, and if you desaturate by 10%, it is $[43.3582, 8.9200, -28.5872]$.

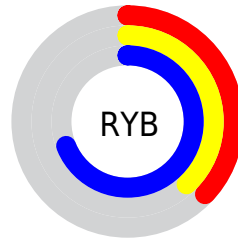
Distribution



Red (37%)

Green (38%)

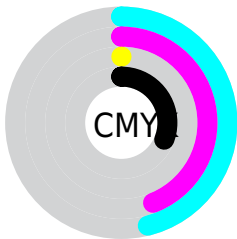
Blue (69%)



Red (37%)

Yellow (38%)

Blue (69%)

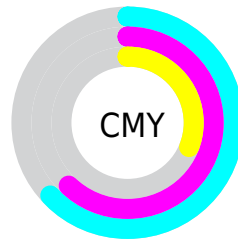


Cyan (46%)

Magenta (44%)

Yellow (0%)

Black (31%)



Cyan (63%)

Magenta (62%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.7669, 13.4282, -40.1639 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 37.7669, 13.4282, -40.1639 by changing the saturation by 10% instead.

■ 37.7669, 13.4282,
-40.1639

■ 37.7669, 13.4282,
-40.1639

■ 147.9413, 15.4021,
-45.5622

■ 28.8174, 12.7787,
-39.7105

■ 57.9280, 14.3988,
-41.4522

■ 20.7132, 11.9951,
-39.6417

■ 69.0351, 14.7464,
-42.1372

■ 13.5546, 11.0536,
-40.5181

■ 80.7734, 15.0154,
-42.8054

■ 7.1432, 11.6563,
-46.7977

■ 93.1105, 15.2132,
-43.4422

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 106.0188, 15.3461,
-44.0395

0.0000, NaN, NaN

■ 119.4738, 15.4191,

0.0000, NaN, NaN

-44.5930

0.0000, NaN, NaN

133.4544, 15.4366,
-45.1008

■ 37.7669, 13.4282,
-40.1639

■ 37.7669, 13.4282,
-40.1639

■ 32.5611, 18.6336,
-53.4607

■ 43.3582, 8.9200,
-28.5872

■ 27.8534, 24.6517,
-68.7382

■ 49.2543, 4.9632,
-18.3843

■ 23.8092, 31.4217,
-85.7759

■ 55.4009, 1.4309,
-9.2419

■ 20.6455, 38.3911,
-103.0805

■ 61.7591, -1.7768,
-0.9116

■ 18.5790, 44.2127,
-117.2071

■ 68.3000, -4.7358,
6.7958

■ 17.9931, 45.9817,
-121.7511

■ 75.0018, -7.5028,
14.0229

■ 81.8476, -10.1205,
20.8772

■ 88.8242, -12.6212,
27.4399

■ 95.9205, -15.0297,
33.7733

Harmonies

Analogous

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



37.7676, -4.8458, -46.0443



37.7669, 13.4282, -40.1639



37.7676, 29.8957, -21.3291

Triad

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



37.7676, 13.4283, -40.1628



37.7676, 19.3109, 20.0621



37.7676, -30.1334, 4.6864

Complementary

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



37.7669, 13.4282, -40.1639



62.8063, -11.8652, 28.2721

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.



37.7676, -25.9340, 16.2039



37.7669, 13.4282, -40.1639



37.7676, 0.8971, 22.1067

Square

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



37.7676, 13.4283, -40.1628



37.7676, 33.7041, 13.3161



37.7676, -15.3209, 21.1150



37.7676, -28.0003, -14.2983

Rectangle

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



37.7669, 13.4282, -40.1639



37.7676, 36.5047, -7.1616



37.7676, -15.3209, 21.1150



37.7676, -29.4417, 9.4115

Sweetspot

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



37.7676, 13.4283, -40.1628



75.3757, 1.2592, -10.6675



60.0279, -23.5703, -1.4785



34.6971, 1.0409, -6.1889



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



37.7676, 13.4283, -40.1628



43.4170, 25.1153, -71.9995



40.1319, 24.0225, -34.7694



27.9348, -0.3096, -1.7937



15.2936, 38.6267, -102.4996



2.8343, 5.3363, -15.0622

Inverse Universe

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



42.6391, 25.7543, 10.6567



51.8730, 43.6671, 16.8908



60.8075, -24.0915, 26.4904



28.3197, 0.9718, 2.2373



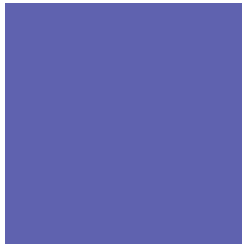
25.5718, 43.8408, 16.1493



4.2831, 7.3790, 2.4266

Previews

White Background



This preview shows how the HunterLab color 37.7669, 13.4282, -40.1639 looks on a white background.

Color Contrast Check

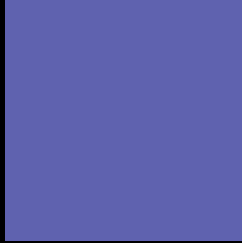
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.7669, 13.4282, -40.1639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

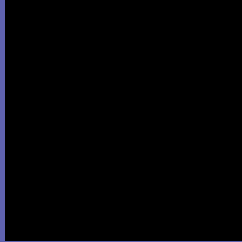
Any Text WCAG AA × Fail

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 37.7669, 13.4282, -40.1639 Background



This preview shows how black text looks on a background with the HunterLab color 37.7669, 13.4282, -40.1639.



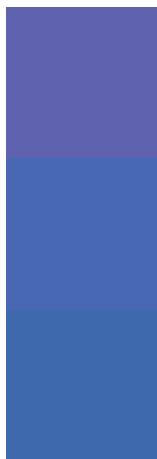
This preview shows how white text looks on a background with the HunterLab color 37.7669, 13.4282, -40.1639.

-40.1639.

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

37.7669, 13.4282, -40.1639

Protanopia

37.9124, 7.8594, -44.0288

Deuteranopia

37.8805, 2.9003, -38.4873



Tritanopia

37.6686, -8.0418, -4.4000

Trichromacy



Original Color

37.7669, 13.4282, -40.1639

Protanomaly

37.7189, 9.6995, -42.7951

Deuteranomaly

37.6992, 6.5370, -39.6337

Tritanomaly

37.5546, -1.2660, -15.4444

Monochromacy



Original Color

37.7669, 13.4282, -40.1639

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

37.6350, 2.5623, -10.5926

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.7669, 13.4282, -40.1639 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, 98, 175)` looks like.

```
.text, #text, p{  
    color:rgb(95, 98, 175)  
}
```

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, 98, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 98, 175) }
```

Border

The CSS property to change the border of an element to HunterLab 37.7669, 13.4282, -40.1639 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, 98, 175) }
```


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

```
.border{ border-color:rgb(95, 98, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 98, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 98, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 98, 175);  
box-shadow:4px 4px 4px 4px rgb(95, 98,  
175) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.7669, 13.4282, -40.1639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 98, 175) }
```

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

```
.background{ background-color: rgb(95, 98,  
175) }
```

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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