

Converting Colors

HunterLab(37.6780, 13.4504,
-36.3887)

Have a look what the booklet for
HunterLab(37.6780, 13.4504,
-36.3887) contains.

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Color

**HunterLab(37.5557, 13.5374,
-36.6604)**

Conversions

Conversions Part 1

Format	Color
Hex	6361AA
RGB	99, 97, 170
RGB Percent	39%, 38%, 67%
CMY	0.6118, 0.6196, 0.3333
CMYK	0.42, 0.43, 0.00, 0.33
HSL	242°, 30%, 52%
HSV	242°, 43%, 67%
XYZ	16.6760, 14.1043, 39.8736
YIQ	105.9200, -22.2410, 23.1270

Conversions

Conversions Part 2

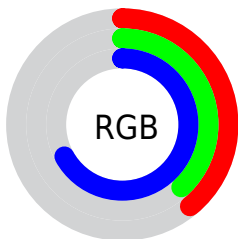
Format	Color
R_{YB}	99, 97, 170
Decimal	6513066
CIE _{Lab}	44.38, 19.64, -38.98
CIE _{LCh}	44, 43.651, 296.745
Yxy	14.1048, 0.2360, 0.1996
Android (android.graphics.Color)	4284703146 (0xFF6361AA)
YUV	105.9200, 31.5914, -6.0688
Hunter-Lab	37.5557, 13.5374, -36.6604

Details

The HunterLab color **37.5557, 13.5374, -36.6604** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **61.5934, -13.0782, 26.8379**, and the grayscale version is **37.8246, -2.0182, 2.0551**.

A 20% lighter version of the original color is **57.8300, 14.4050, -37.8812**, and **20.5739, 11.8998, -35.6139** is the 20% darker color. If you saturate the color by 10%, you get **32.3339, 18.7440, -49.4835**, and if you desaturate by 10%, it is **43.1493, 8.9385, -25.5114**.

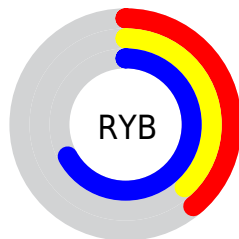
Distribution



Red (39%)

Green (38%)

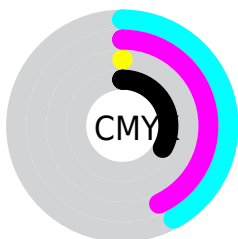
Blue (67%)



Red (39%)

Yellow (38%)

Blue (67%)

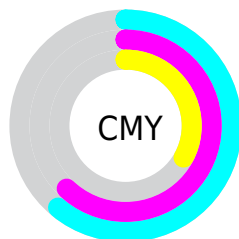


Cyan (42%)

Magenta (43%)

Yellow (0%)

Black (33%)



Cyan (61%)

Magenta (62%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.5557, 13.5374, -36.6604 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 37.5557, 13.5374, -36.6604 by changing the saturation by 10% instead.

■ 37.5557, 13.5374,
-36.6604

■ 37.5557, 13.5374,
-36.6604

■ 147.6082, 15.5808,
-41.7292

■ 28.6245, 12.8775,
-36.1517

■ 57.6844, 14.5263,
-37.9487

■ 20.5404, 12.0828,
-35.9495

■ 68.7768, 14.8823,
-38.6052

■ 13.4047, 11.1296,
-36.5296

■ 80.5012, 15.1593,
-39.2347

■ 6.9657, 12.0168,
-42.3037

■ 92.8251, 15.3647,
-39.8258

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 105.7207, 15.5048,
-40.3728

0.0000, NaN, NaN

■ 119.1637, 15.5848,

0.0000, NaN, NaN

-40.8728

0.0000, NaN, NaN

133.1325, 15.6089,
-41.3250

■ 37.5557, 13.5374,
-36.6604

■ 37.5557, 13.5374,
-36.6604

■ 32.3339, 18.7440,
-49.4835

■ 43.1493, 8.9385,
-25.5114

■ 27.5925, 24.6574,
-64.2846

■ 49.0374, 4.8194,
-15.6808

■ 23.4934, 31.2097,
-80.9541

■ 55.1680, 1.0678,
-6.8589

■ 20.2540, 37.8635,
-98.1841

■ 61.5040, -2.4048,
1.1950

■ 18.1063, 43.3036,
-112.6172

■ 68.0178, -5.6654,
8.6626

■ 17.1242, 46.2737,
-120.3130

■ 74.6886, -8.7645,
15.6797

■ 81.5002, -11.7396,
22.3481

■ 88.4398, -14.6194,
28.7446

■ 95.4967, -17.4255,
34.9281

Harmonies

Analogous

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



37.5564, -3.8089, -42.9268



37.5557, 13.5374, -36.6604



37.5564, 28.7384, -18.8186

Triad

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



37.5564, 13.5374, -36.6593



37.5564, 17.2403, 19.6501



37.5564, -28.9527, 3.7350

Complementary

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



37.5557, 13.5374, -36.6604



61.5934, -13.0782, 26.8379

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.



37.5564, -25.2305, 15.2172



37.5557, 13.5374, -36.6604



37.5564, -0.1683, 21.5247

Square

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



37.5564, 13.5374, -36.6593



37.5564, 31.1248, 13.3417



37.5564, -15.3715, 20.3539



37.5564, -26.5612, -14.4322

Rectangle

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



37.5557, 13.5374, -36.6604



37.5564, 34.5698, -5.6418



37.5564, -15.3715, 20.3539



37.5564, -28.3937, 8.3860

Sweetspot

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



37.5564, 13.5374, -36.6593



74.0628, 1.5817, -9.5738



58.0856, -20.7256, -3.3898



34.1217, 1.2468, -5.6902



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.



37.5564, 13.5374, -36.6593



43.5517, 25.2500, -66.6588



40.7179, 22.8944, -29.8857



27.0370, -0.1092, -1.8026



14.7007, 39.6978, -103.0752



2.3570, 6.2401, -15.5602

Inverse Universe

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



44.6351, 33.5446, -21.1171



55.6892, 56.4868, -35.8171



58.7718, -23.6022, 24.3923



27.6822, 2.0643, -0.8352



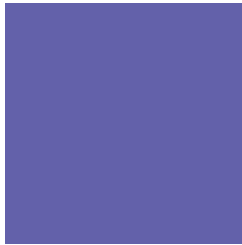
28.8018, 56.2986, -35.4550



4.5044, 8.8226, -5.6838

Previews

White Background



This preview shows how the HunterLab color 37.5557, 13.5374, -36.6604 looks on a white background.

Color Contrast Check

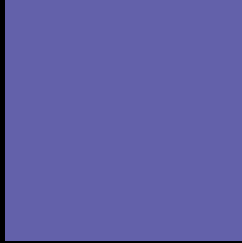
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.5557, 13.5374, -36.6604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

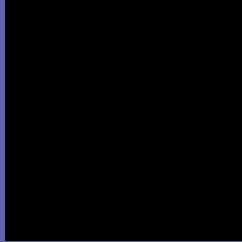
Any Text WCAG AA × Fail

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 37.5557, 13.5374, -36.6604 Background



This preview shows how black text looks on a background with the HunterLab color 37.5557, 13.5374, -36.6604.

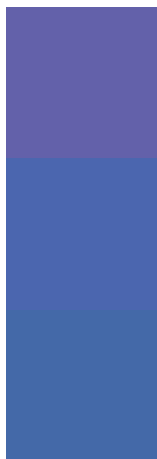


This preview shows how white text looks on a background with the HunterLab color 37.5557, 13.5374, -36.6604.

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

37.5557, 13.5374, -36.6604

Protanopia

37.5416, 7.4815, -40.7889

Deuteranopia

37.6288, 2.9494, -35.1331



Tritanopia

37.6830, -6.6523, -3.3759

Trichromacy



Original Color

37.5557, 13.5374, -36.6604

Protanomaly

37.4383, 9.6057, -39.3732

Deuteranomaly

37.4561, 6.5897, -36.2211

Tritanomaly

37.5565, -0.0875, -13.6311

Monochromacy



Original Color

37.5557, 13.5374, -36.6604

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

37.6418, 2.4422, -9.4758

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.5557, 13.5374, -36.6604 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(99, 97, 170)` looks like.

```
.text, #text, p{  
    color:rgb(99, 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(99, 97, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 97, 170) }
```

Border

The CSS property to change the border of an element to HunterLab 37.5557, 13.5374, -36.6604 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(99, 97, 170) }
```


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

```
.border{ border-color:rgb(99, 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(99, 97, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 97, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 97, 170);  
box-shadow:4px 4px 4px 4px rgb(99, 97,  
170) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.5557, 13.5374, -36.6604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 97, 170) }
```

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

```
.background{ background-color: rgb(99, 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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