

Converting Colors

HunterLab(37.6464, 5.7328,
-49.2065)

Have a look what the booklet for
HunterLab(37.6464, 5.7328,
-49.2065) contains.

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Color

**HunterLab(37.5254, 5.7902,
-49.2959)**

Conversions

Conversions Part 1

Format	Color
Hex	3268B9
RGB	50, 104, 185
RGB Percent	20%, 41%, 73%
CMY	0.8039, 0.5922, 0.2745
CMYK	0.73, 0.44, 0.00, 0.27
HSL	216°, 57%, 46%
HSV	216°, 73%, 73%
XYZ	15.0227, 14.0816, 47.8252
YIQ	97.0880, -58.1850, 13.7430

Conversions

Conversions Part 2

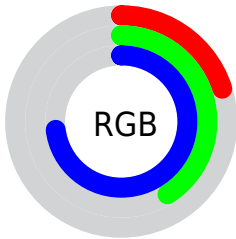
Format	Color
R_{YB}	50, 89, 185
Decimal	3303609
CIE _{Lab}	44.35, 10.21, -47.98
CIE _{LCh}	44, 49.053, 282.014
Yxy	14.0820, 0.1953, 0.1830
Android (android.graphics.Color)	4281493689 (0xFF3268B9)
YUV	97.0880, 43.3406, -41.2962
Hunter-Lab	37.5254, 5.7902, -49.2959

Details

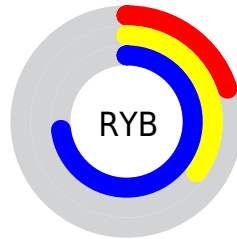
The HunterLab color $[37.5254, 5.7902, -49.2959]$ is a dark color, and the websafe version is hex `0066CC`. A complement of this color would be $[51.7492, 8.4388, 28.5768]$, and the grayscale version is $[34.4673, -1.8391, 1.8727]$.

A 20% lighter version of the original color is $[57.7618, 5.7121, -50.5344]$, and $[21.5982, 8.5658, -45.4870]$ is the 20% darker color. If you saturate the color by 10%, you get $[34.0783, 9.7299, -58.6872]$, and if you desaturate by 10%, it is $[41.2733, 2.6734, -40.4562]$.

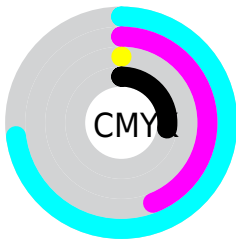
Distribution



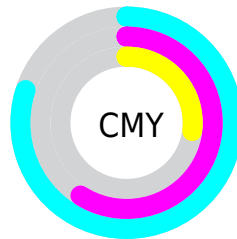
- Red (20%)
- Green (41%)
- Blue (73%)



- Red (20%)
- Yellow (35%)
- Blue (73%)



- Cyan (73%)
- Magenta (44%)
- Yellow (0%)
- Black (27%)



- Cyan (80%)
- Magenta (59%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.5254, 5.7902, -49.2959 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 37.5254, 5.7902, -49.2959 by changing the saturation by 10% instead.

■ 37.5254, 5.7902,
-49.2959

■ 37.5254, 5.7902,
-49.2959

■ 147.5603, 4.1394,
-55.2545

■ 28.5967, 5.6477,
-49.0855

■ 57.6493, 5.8291,
-50.4662

■ 20.5155, 5.4014,
-49.5256

■ 68.7396, 5.7443,
-51.1859

■ 13.3831, 5.0276,
-51.4841

■ 80.4620, 5.6000,
-51.9228

■ 6.9398, 6.0407,
-61.7856

■ 92.7840, 5.4013,
-52.6511

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 105.6778, 5.1525,
-53.3557

0.0000, NaN, -NF

119.1190, 4.8574,

0.0000, NaN, NaN

-54.0276

0.0000, NaN, NaN

133.0862, 4.5188,
-54.6616

■ 37.5254, 5.7902,
-49.2959

■ 37.5254, 5.7902,
-49.2959

■ 34.0783, 9.7299,
-58.6872

■ 41.2733, 2.6734,
-40.4562

■ 30.9723, 14.5267,
-68.5253

■ 45.2803, 0.2923,
-32.1939

■ 28.9819, 18.2958,
-75.7202

■ 49.5123, -1.4507,
-24.4797

■ 53.9401, -2.6503,
-17.2604

■ 58.5397, -3.3904,
-10.4751

■ 63.2913, -3.7424,
-4.0633

■ 68.1784, -3.7655,
2.0299

■ 73.1878, -3.5085,
7.8531

■ 78.3079, -3.0116,
13.4481

Harmonies

Analogous

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



37.5260, -12.4904, -47.3401



37.5254, 5.7902, -49.2959



37.5260, 25.2727, -33.3696

Triad

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



37.5260, 5.7910, -49.2949



37.5260, 28.6791, 18.4997



37.5260, -30.4840, 11.1565

Complementary

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



37.5254, 5.7902, -49.2959



51.7492, 8.4388, 28.5768

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.



37.5260, -23.1962, 19.6231



37.5254, 5.7902, -49.2959



37.5260, 9.7768, 22.2021

Square

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



37.5260, 5.7910, -49.2949



37.5260, 40.1199, 8.4975



37.5260, -9.2110, 22.4767



37.5260, -31.1339, -5.8119

Rectangle

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



37.5254, 5.7902, -49.2959



37.5260, 35.3906, -17.8532



37.5260, -9.2110, 22.4767



37.5260, -28.8070, 14.8255

Sweetspot

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



37.5260, 5.7910, -49.2949



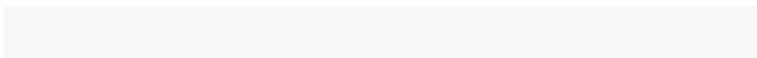
78.7235, -4.5800, -13.4830



60.8403, -39.6888, 15.8676



35.7741, -2.0325, -7.3625



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.



37.5260, 5.7910, -49.2949



42.8610, 17.0456, -87.0052



26.1886, 35.8290, -87.1499



30.4848, -1.7742, -0.8500



24.1944, 14.4464, -61.4265



5.7313, 0.3227, -7.8602

Inverse Universe

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



36.8726, 49.9503, 2.5357



45.3158, 75.3238, 8.7511



66.0628, -21.5026, 37.6219



30.1167, 1.5240, 1.1305



27.1538, 47.7911, 7.5501



5.2178, 9.4085, -0.2937

Previews

White Background



This preview shows how the HunterLab color 37.5254, 5.7902, -49.2959 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 37.5254, 5.7902, -49.2959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

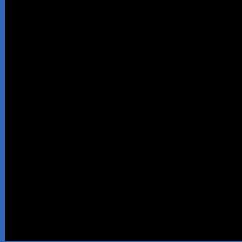
Any Text WCAG AA × Fail

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 37.5254, 5.7902, -49.2959 Background



This preview shows how black text looks on a background with the HunterLab color 37.5254, 5.7902, -49.2959.



This preview shows how white text looks on a background with the HunterLab color 37.5254, 5.7902, -49.2959.

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

37.5254, 5.7902, -49.2959

Protanopia

37.5698, 8.4342, -47.4017

Deuteranopia

37.5738, 3.1618, -49.2185



Tritanopia

37.3784, -17.9102, -8.0569

Trichromacy



Original Color

37.5254, 5.7902, -49.2959

Protanomaly

37.6209, 7.3575, -48.1563

Deuteranomaly

37.4663, 4.2078, -49.4742

Tritanomaly

37.1800, -10.7656, -21.2973

Monochromacy



Original Color

37.5254, 5.7902, -49.2959

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

35.2204, -1.6911, -13.2892

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.5254, 5.7902, -49.2959 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(50, 104, 185)` looks like.

```
.text, #text, p{  
    color:rgb(50, 104, 185)  
}
```

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(50, 104, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 104, 185) }
```

Border

The CSS property to change the border of an element to HunterLab 37.5254, 5.7902, -49.2959 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(50, 104, 185) }
```


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

```
.border{ border-color:rgb(50, 104, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 104, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 104, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 104, 185);  
box-shadow:4px 4px 4px 4px rgb(50, 104,  
185) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.5254, 5.7902, -49.2959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 104, 185) }
```

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

```
.background{ background-color: rgb(50, 104,  
185) }
```

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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