

Converting Colors

HunterLab(38.5718, -3.6187,
-21.4865)

Have a look what the booklet for
HunterLab(38.5718, -3.6187,
-21.4865) contains.

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Color

**HunterLab(38.6074, -3.7771,
-21.2393)**

Conversions

Conversions Part 1

Format	Color
Hex	466F97
RGB	70, 111, 151
RGB Percent	27%, 44%, 59%
CMY	0.7255, 0.5647, 0.4078
CMYK	0.54, 0.26, 0.00, 0.41
HSL	210°, 37%, 43%
HSV	210°, 54%, 59%
XYZ	13.7961, 14.9053, 31.4280
YIQ	103.3010, -37.2760, 3.7480

Conversions

Conversions Part 2

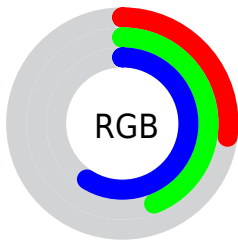
Format	Color
R_{YB}	70, 97, 151
Decimal	4616087
CIE _{Lab}	45.50, -2.33, -26.13
CIE _{LCh}	46, 26.236, 264.896
Yxy	14.9059, 0.2294, 0.2479
Android (android.graphics.Color)	4282806167 (0xFF466F97)
YUV	103.3010, 23.5156, -29.2050
Hunter-Lab	38.6074, -3.7771, -21.2393

Details

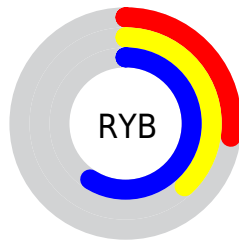
The HunterLab color **38.6074, -3.7771, -21.2393** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **42.6310, 6.8114, 18.3288**, and the grayscale version is **36.8670, -1.9671, 2.0031**.

A 20% lighter version of the original color is **58.7652, -4.8735, -22.1478**, and **21.5072, -2.7070, -20.0317** is the 20% darker color. If you saturate the color by 10%, you get **35.8512, -2.6899, -26.3757**, and if you desaturate by 10%, it is **41.5159, -4.4004, -16.3085**.

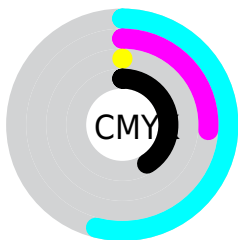
Distribution



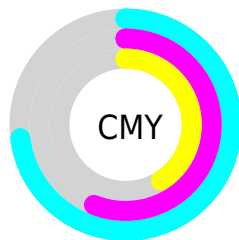
- Red (27%)
- Green (44%)
- Blue (59%)



- Red (27%)
- Yellow (38%)
- Blue (59%)



- Cyan (54%)
- Magenta (26%)
- Yellow (0%)
- Black (41%)



- Cyan (73%)
- Magenta (56%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.6074, -3.7771, -21.2393 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 38.6074, -3.7771, -21.2393 by changing the saturation by 10% instead.

■ 38.6074, -3.7771,
-21.2393

■ 38.6074, -3.7771,
-21.2393

■ 149.2634,
-10.6781, -23.7846

■ 29.5860, -3.1469,
-20.7002

■ 58.8965, -5.1242,
-22.1948

■ 21.4024, -2.5460,
-20.1722

■ 70.0616, -5.8400,
-22.5899

■ 14.1541, -1.9731,
-19.7792

■ 81.8548, -6.5828,
-22.9265

■ 7.8066, -1.7199,
-20.6415

■ 94.2442, -7.3520,
-23.2054

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 107.2023, -8.1468,
-23.4284

0.0000, NaN, NaN

120.7053, -8.9665,

0.0000, NaN, NaN

-23.5978

0.0000, NaN, NaN

134.7320, -9.8105,
-23.7158

■ 38.6074, -3.7771,
-21.2393

■ 38.6074, -3.7771,
-21.2393

■ 35.8512, -2.6899,
-26.3757

■ 41.5159, -4.4004,
-16.3085

■ 33.2616, -1.0847,
-31.7131

■ 44.5594, -4.6148,
-11.5808

■ 30.8558, 1.0830,
-37.2268

■ 47.7253, -4.4719,
-7.0433

■ 28.6481, 3.8341,
-42.8746

■ 51.0016, -4.0177,
-2.6799

■ 27.3184, 5.7737,
-46.6093

■ 54.3780, -3.2926,
1.5267

■ 57.8456, -2.3312,
5.5939

■ 61.3966, -1.1630,
9.5381

■ 65.0244, 0.1869,
13.3746

■ 68.7230, 1.6974,
17.1169

Harmonies

Analogous

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



38.6081, -12.6211, -16.3032



38.6074, -3.7771, -21.2393



38.6081, 6.4704, -18.7266

Triad

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



38.6081, -3.7771, -21.2385



38.6081, 17.2089, 9.1063



38.6081, -16.7186, 11.2982

Complementary

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



38.6074, -3.7771, -21.2393



42.6310, 6.8114, 18.3288

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.



38.6081, -9.9124, 15.3979



38.6074, -3.7771, -21.2393



38.6081, 9.7699, 14.3795

Square

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



38.6081, -3.7771, -21.2385



38.6081, 19.2801, 0.4192



38.6081, -0.3166, 16.3600



38.6081, -19.5856, 3.7115

Rectangle

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



38.6074, -3.7771, -21.2393



38.6081, 12.6452, -13.4345



38.6081, -0.3166, 16.3600



38.6081, -14.8518, 13.0439

Sweetspot

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



38.6081, -3.7771, -21.2385



67.0632, -5.5771, -5.1298



49.5409, -27.7457, 12.6746



31.5778, -2.7182, -2.9656



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



38.6081, -3.7771, -21.2385



47.3926, -3.2965, -36.4512



28.4397, 15.4287, -43.2439



25.5288, -1.8143, -0.3935



25.3102, 5.1078, -42.6618



4.1051, -1.0487, -2.8671

Inverse Universe

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



34.7964, 30.5322, -3.6500



42.4014, 49.6192, -4.6915



53.5938, -11.4602, 26.4128



25.0444, 1.3074, 0.6468



24.6008, 43.9783, 1.5658



3.1276, 5.8083, -1.4842

Previews

White Background



This preview shows how the HunterLab color 38.6074, -3.7771, -21.2393 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 38.6074, -3.7771, -21.2393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

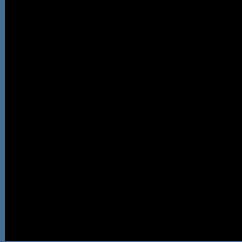
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

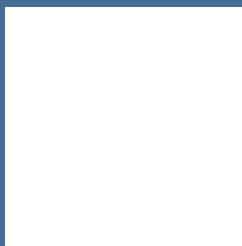
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 38.6074, -3.7771, -21.2393 Background



This preview shows how black text looks on a background with the HunterLab color 38.6074, -3.7771, -21.2393.

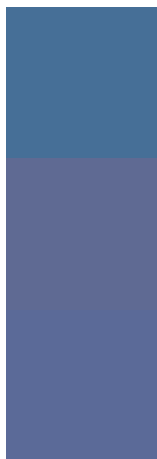


This preview shows how white text looks on a background with the HunterLab color 38.6074, -3.7771, -21.2393.

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

38.6074, -3.7771, -21.2393

Protanopia

38.5325, 2.7025, -18.6831

Deuteranopia

38.4697, 2.9087, -22.0271



Tritanopia

38.6827, -12.9141, -6.1279

Trichromacy



Original Color

38.6074, -3.7771, -21.2393

Protanomaly

38.5249, -0.0234, -19.3798

Deuteranomaly

38.5112, 0.2643, -21.9985

Tritanomaly

38.5303, -9.8214, -11.1360

Monochromacy



Original Color

38.6074, -3.7771, -21.2393

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

37.2670, -3.6277, -5.3699

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.6074, -3.7771, -21.2393 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(70, 111, 151)` looks like.

```
.text, #text, p{  
    color:rgb(70, 111, 151)  
}
```

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(70, 111, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 111, 151) }
```

Border

The CSS property to change the border of an element to HunterLab 38.6074, -3.7771, -21.2393 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(70, 111, 151) }
```


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

```
.border{ border-color:rgb(70, 111, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 111, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 111, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 111, 151);  
box-shadow:4px 4px 4px 4px rgb(70, 111,  
151) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.6074, -3.7771, -21.2393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 111, 151) }
```

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

```
.background{ background-color: rgb(70, 111,  
151) }
```

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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