

Converting Colors

HunterLab(38.8851, -4.1688,
-21.4059)

Have a look what the booklet for
HunterLab(38.8851, -4.1688,
-21.4059) contains.

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Color

**HunterLab(38.8851, -4.1688,
-21.4059)**

Conversions

Conversions Part 1

Format	Color
Hex	457098
RGB	69, 112, 152
RGB Percent	27%, 44%, 60%
CMY	0.7294, 0.5608, 0.4039
CMYK	0.55, 0.26, 0.00, 0.40
HSL	209°, 38%, 43%
HSV	209°, 55%, 60%
XYZ	13.9159, 15.1205, 31.8908
YIQ	103.7030, -38.4680, 3.3240

Conversions

Conversions Part 2

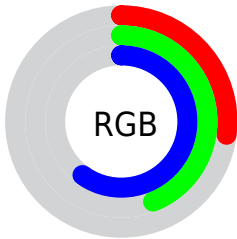
Format	Color
R _{YB}	69, 97, 152
Decimal	4550808
CIE Lab	45.80, -2.85, -26.27
CIE LCh	46, 26.424, 263.818
Yxy	15.1211, 0.2284, 0.2482
Android (android.graphics.Color)	4282740888 (0xFF457098)
YUV	103.7030, 23.8104, -30.4345
Hunter-Lab	38.8851, -4.1688, -21.4059

Details

The HunterLab color $38.8851, -4.1688, -21.4059$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $42.4771, 7.5765, 18.4472$, and the grayscale version is $37.0182, -1.9752, 2.0113$.

A 20% lighter version of the original color is $59.3448, -5.8446, -21.8729$, and $21.5075, -2.6153, -20.7333$ is the 20% darker color. If you saturate the color by 10%, you get $36.1707, -3.1072, -26.4595$, and if you desaturate by 10%, it is $41.7527, -4.7594, -16.5388$.

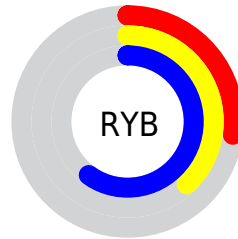
Distribution



Red (27%)

Green (44%)

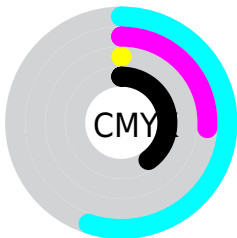
Blue (60%)



Red (27%)

Yellow (38%)

Blue (60%)

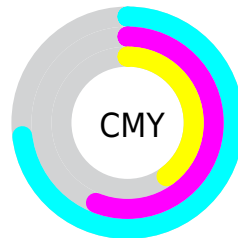


Cyan (55%)

Magenta (26%)

Yellow (0%)

Black (40%)



Cyan (73%)

Magenta (56%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.8851, -4.1688, -21.4059 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 38.8851, -4.1688, -21.4059 by changing the saturation by 10% instead.

■ 38.8851, -4.1688,
-21.4059

■ 38.8851, -4.1688,
-21.4059

■ 149.6990,
-11.2949, -23.9706

■ 29.8402, -3.5050,
-20.8654

■ 59.2161, -5.5758,
-22.3647

■ 21.6307, -2.8669,
-20.3357

■ 70.4002, -6.3186,
-22.7618

■ 14.3531, -2.2520,
-19.9389

■ 82.2114, -7.0871,
-23.1005

■ 8.0128, -1.9755,
-20.6129

■ 94.6179, -7.8807,
-23.3817

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 107.5924, -8.6989,
-23.6071

0.0000, NaN, NaN

121.1111, -9.5410,

0.0000, NaN, NaN

-23.7789

0.0000, NaN, NaN

135.1529,
-10.4065, -23.8993

■ 38.8851, -4.1688,
-21.4059

■ 38.8851, -4.1688,
-21.4059

■ 36.1707, -3.1072,
-26.4595

■ 41.7527, -4.7594,
-16.5388

■ 33.6229, -1.5228,
-31.6914

■ 44.7567, -4.9329,
-11.8596

■ 31.2579, 0.6254,
-37.0744

■ 47.8844, -4.7406,
-7.3585

■ 29.0872, 3.3496,
-42.5694

■ 51.1241, -4.2286,
-3.0225

■ 27.9686, 4.9538,
-45.6522

■ 54.4654, -3.4377,
1.1637

■ 57.8993, -2.4032,
5.2156

■ 61.4179, -1.1552,
9.1485

■ 65.0146, 0.2807,
12.9763

■ 68.6833, 1.8827,
16.7120

Harmonies

Analogous

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



38.8858, -13.0019, -16.1764



38.8851, -4.1688, -21.4059



38.8858, 6.1732, -19.1385

Triad

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



38.8858, -4.1688, -21.4051



38.8858, 17.5632, 8.9286



38.8858, -16.6886, 11.6069

Complementary

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



38.8851, -4.1688, -21.4059



42.4771, 7.5765, 18.4472

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.



38.8858, -9.6919, 15.6193



38.8851, -4.1688, -21.4059



38.8858, 10.2055, 14.3750

Square

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



38.8858, -4.1688, -21.4051



38.8858, 19.4301, 0.0511



38.8858, 0.0601, 16.4827



38.8858, -19.7341, 4.0747

Rectangle

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



38.8851, -4.1688, -21.4059



38.8858, 12.4712, -13.9143



38.8858, 0.0601, 16.4827



38.8858, -14.7579, 13.3250

Sweetspot

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



38.8858, -4.1688, -21.4051



67.1765, -5.7618, -4.9851



49.7987, -28.4506, 13.3839



31.6380, -2.8162, -2.8876



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.



38.8858, -4.1688, -21.4051



47.1249, -3.6346, -36.9946



28.5263, 15.3099, -43.8962



25.5521, -1.8526, -0.3651



25.7317, 4.3072, -41.4603



4.1450, -1.1068, -2.7917

Inverse Universe

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



34.7880, 31.4910, -4.1392



41.8172, 51.2266, -5.2598



53.5483, -11.0142, 26.5687



25.0468, 1.3203, 0.6126



24.6449, 44.1387, 0.9368



3.1329, 5.8273, -1.5571

Previews

White Background



This preview shows how the HunterLab color 38.8851, -4.1688, -21.4059 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 38.8851, -4.1688, -21.4059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

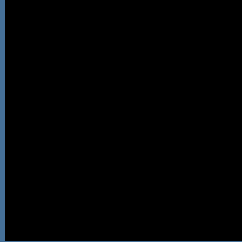
Any Text WCAG AA ✗ Fail

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 38.8851, -4.1688, -21.4059 Background



This preview shows how black text looks on a background with the HunterLab color 38.8851, -4.1688, -21.4059.

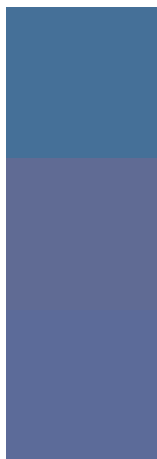


This preview shows how white text looks on a background with the HunterLab color 38.8851, -4.1688, -21.4059.

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

38.8851, -4.1688, -21.4059

Protanopia

38.9105, 2.6764, -18.6676

Deuteranopia

38.8466, 2.8782, -22.0093



Tritanopia

38.9342, -13.4362, -6.3027

Trichromacy



Original Color

38.8851, -4.1688, -21.4059

Protanomaly

38.8402, -0.2695, -19.4760

Deuteranomaly

38.8870, 0.2252, -21.9831

Tritanomaly

38.8169, -10.2007, -11.2710

Monochromacy



Original Color

38.8851, -4.1688, -21.4059

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

37.5766, -3.8947, -5.4555

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.8851, -4.1688, -21.4059 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(69, 112, 152)` looks like.

```
.text, #text, p{  
    color:rgb(69, 112, 152)  
}
```

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(69, 112, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 112, 152) }
```

Border

The CSS property to change the border of an element to HunterLab 38.8851, -4.1688, -21.4059 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(69, 112, 152) }
```


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

```
.border{ border-color:rgb(69, 112, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 112, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 112, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 112, 152);  
box-shadow:4px 4px 4px 4px rgb(69, 112,  
152) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.8851, -4.1688, -21.4059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 112, 152) }
```

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

```
.background{ background-color: rgb(69, 112,  
152) }
```

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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