

Converting Colors

HunterLab(36.7798, 2.0731,
-22.2171)

Have a look what the booklet for
HunterLab(36.7798, 2.0731,
-22.2171) contains.

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Color

**HunterLab(36.7149, 2.1800,
-22.5822)**

Conversions

Conversions Part 1

Format	Color
Hex	536694
RGB	83, 102, 148
RGB Percent	33%, 40%, 58%
CMY	0.6745, 0.6000, 0.4196
CMYK	0.44, 0.31, 0.00, 0.42
HSL	222°, 28%, 45%
HSV	222°, 44%, 58%
XYZ	13.6639, 13.4798, 29.8987
YIQ	101.5630, -26.0900, 10.2780

Conversions

Conversions Part 2

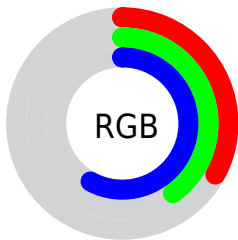
Format	Color
R_{YB}	83, 98, 148
Decimal	5465748
CIE _{Lab}	43.48, 5.56, -27.45
CIE _{LCh}	43, 28.004, 281.451
Yxy	13.4803, 0.2395, 0.2363
Android (android.graphics.Color)	4283655828 (0xFF536694)
YUV	101.5630, 22.8934, -16.2798
Hunter-Lab	36.7149, 2.1800, -22.5822

Details

The HunterLab color $36.7149, 2.1800, -22.5822$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $47.5620, -2.0760, 19.0689$, and the grayscale version is $36.2107, -1.9321, 1.9674$.

A 20% lighter version of the original color is $56.7430, 1.5014, -23.3943$, and $19.9568, 2.0777, -21.2653$ is the 20% darker color. If you saturate the color by 10%, you get $33.0864, 4.3014, -29.7432$, and if you desaturate by 10%, it is $40.5184, 0.4950, -16.0212$.

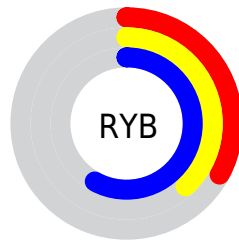
Distribution



Red (33%)

Green (40%)

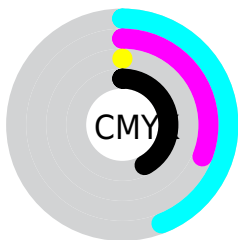
Blue (58%)



Red (33%)

Yellow (38%)

Blue (58%)

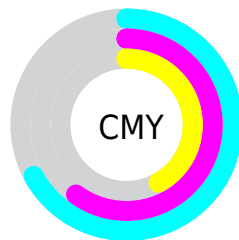


Cyan (44%)

Magenta (31%)

Yellow (0%)

Black (42%)



Cyan (67%)

Magenta (60%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.7149, 2.1800, -22.5822 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 36.7149, 2.1800, -22.5822 by changing the saturation by 10% instead.

■ 36.7149, 2.1800,
-22.5822

■ 36.7149, 2.1800,
-22.5822

■ 146.2784, -1.3330,
-25.5357

■ 27.8570, 2.3054,
-22.0257

■ 56.7134, 1.7317,
-23.6136

■ 19.8541, 2.3501,
-21.5172

■ 67.7469, 1.4240,
-24.0546

■ 12.8105, 2.2953,
-21.2389

■ 79.4155, 1.0674,
-24.4389

■ 6.2054, 3.5725,
-25.2171

■ 91.6864, 0.6659,
-24.7661

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 104.5313, 0.2226,
-25.0375

0.0000, NaN, NaN

117.9257, -0.2597,

0.0000, NaN, NaN

-25.2548

0.0000, NaN, NaN

131.8478, -0.7789,
-25.4202

■ 36.7149, 2.1800,
-22.5822

■ 36.7149, 2.1800,
-22.5822

■ 33.0864, 4.3014,
-29.7432

■ 40.5184, 0.4950,
-16.0212

■ 29.6628, 6.9499,
-37.6010

■ 44.4702, -0.8313,
-9.9662

■ 26.4858, 10.2188,
-46.2189

■ 48.5515, -1.8630,
-4.3294

■ 23.6066, 14.1799,
-55.5730

■ 52.7469, -2.6517,
0.9634

■ 21.0857, 18.8276,
-65.4578

■ 57.0444, -3.2385,
5.9736

■ 19.7102, 21.8254,
-71.7508

■ 61.4338, -3.6563,
10.7517

■ 65.9071, -3.9314,
15.3385

■ 70.4574, -4.0849,
19.7675

■ 75.0791, -4.1339,
24.0658

Harmonies

Analogous

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



36.7156, -8.2318, -21.5883



36.7149, 2.1800, -22.5822



36.7156, 12.5524, -15.7382

Triad

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



36.7156, 2.1799, -22.5814



36.7156, 14.6258, 12.6691



36.7156, -19.3785, 7.6548

Complementary

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



36.7149, 2.1800, -22.5822



47.5620, -2.0760, 19.0689

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.



36.7156, -14.5202, 13.7772



36.7149, 2.1800, -22.5822



36.7156, 4.7610, 16.0531

Square

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



36.7156, 2.1799, -22.5814



36.7156, 20.2638, 5.6483



36.7156, -5.9262, 16.3909



36.7156, -19.9021, -2.0692

Rectangle

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



36.7149, 2.1800, -22.5822



36.7156, 17.7452, -8.5456



36.7156, -5.9262, 16.3909



36.7156, -18.2263, 10.1203

Sweetspot

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



36.7156, 2.1799, -22.5814



64.8540, -2.5528, -5.2754



49.5892, -21.6760, 5.5527



30.4502, -1.1016, -3.2289



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



36.7156, 2.1799, -22.5814



43.8833, 5.7581, -39.6488



32.8816, 14.4559, -30.0043



24.2751, -1.0872, -0.8626



18.3325, 19.8447, -65.7529



2.9509, 0.1739, -4.0638

Inverse Universe

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



36.6636, 22.0353, 2.6490



44.4370, 36.9436, 4.5250



51.9187, -14.7278, 22.3881



24.1694, 1.0289, 1.2125



23.5215, 40.9399, 10.0940



2.6899, 4.8494, -0.1448

Previews

White Background



This preview shows how the HunterLab color 36.7149, 2.1800, -22.5822 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 36.7149, 2.1800, -22.5822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

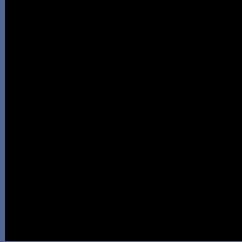
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

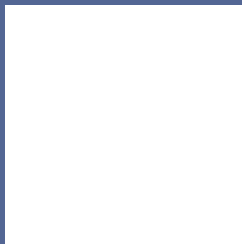
Any Text WCAG AAA × Fail

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

HunterLab 36.7149, 2.1800, -22.5822 Background



This preview shows how black text looks on a background with the HunterLab color 36.7149, 2.1800, -22.5822.

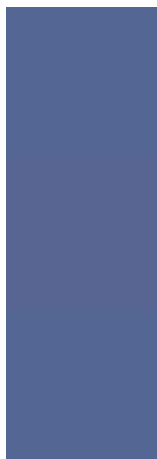


This preview shows how white text looks on a background with the HunterLab color 36.7149, 2.1800,

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

36.7149, 2.1800, -22.5822

Protanopia

36.7269, 3.5016, -21.8698

Deuteranopia

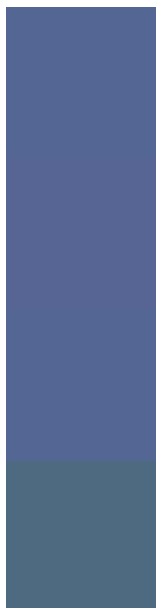
36.7773, 2.3897, -22.4634



Tritanopia

36.6951, -8.7745, -4.7346

Trichromacy



Original Color

36.7149, 2.1800, -22.5822

Protanomaly

36.5956, 3.0637, -22.1183

Deuteranomaly

36.7773, 2.3897, -22.4634

Tritanomaly

36.6666, -5.2083, -10.5200

Monochromacy



Original Color

36.7149, 2.1800, -22.5822

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

36.4246, -1.0141, -5.9817

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.7149, 2.1800, -22.5822 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(83, 102, 148)` looks like.

```
.text, #text, p{  
    color:rgb(83, 102, 148)  
}
```

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(83, 102, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 102, 148) }
```

Border

The CSS property to change the border of an element to HunterLab 36.7149, 2.1800, -22.5822 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(83, 102, 148) }
```


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

```
.border{ border-color:rgb(83, 102, 148) }
```

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

Here you see how a box with a 4 pixel rgb(83, 102, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 102, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 102, 148);  
box-shadow:4px 4px 4px 4px rgb(83, 102,  
148) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.7149, 2.1800, -22.5822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 102, 148) }
```

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

```
.background{ background-color: rgb(83, 102,  
148) }
```

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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