

Converting Colors

HunterLab(36.2736, 3.3308,
-21.3458)

Have a look what the booklet for
HunterLab(36.2736, 3.3308,
-21.3458) contains.

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Color

**HunterLab(36.3110, 3.3040,
-21.3080)**

Conversions

Conversions Part 1

Format	Color
Hex	576491
RGB	87, 100, 145
RGB Percent	34%, 39%, 57%
CMY	0.6588, 0.6078, 0.4314
CMYK	0.40, 0.31, 0.00, 0.43
HSL	227°, 25%, 45%
HSV	227°, 40%, 57%
XYZ	13.5985, 13.1849, 28.6162
YIQ	101.2430, -22.1930, 11.2390

Conversions

Conversions Part 2

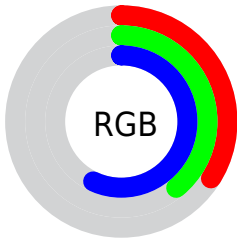
Format	Color
RYB	87, 98, 145
Decimal	5727377
CIELab	43.04, 7.02, -26.31
CIELCh	43, 27.236, 284.945
Yxy	13.1854, 0.2455, 0.2380
Android (android.graphics.Color)	4283917457 (0xFF576491)
YUV	101.2430, 21.5722, -12.4911
Hunter-Lab	36.3110, 3.3040, -21.3080

Details

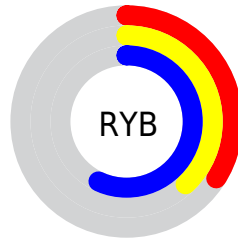
The HunterLab color $36.3110, 3.3040, -21.3080$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $48.1776, -4.1005, 18.5178$, and the grayscale version is $36.0939, -1.9259, 1.9611$.

A 20% lighter version of the original color is $56.3433, 2.8501, -22.0903$, and $19.5954, 3.0788, -19.9128$ is the 20% darker color. If you saturate the color by 10%, you get $32.4730, 5.6868, -28.8015$, and if you desaturate by 10%, it is $40.3287, 1.3320, -14.5095$.

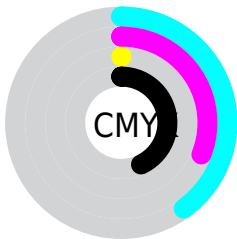
Distribution



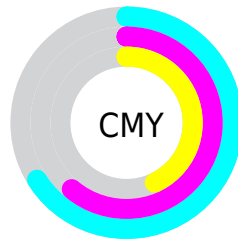
- Red (34%)
- Green (39%)
- Blue (57%)



- Red (34%)
- Yellow (38%)
- Blue (57%)



- Cyan (40%)
- Magenta (31%)
- Yellow (0%)
- Black (43%)



- Cyan (66%)
- Magenta (61%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.3110, 3.3040, -21.3080 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 36.3110, 3.3040, -21.3080 by changing the saturation by 10% instead.

■ 36.3110, 3.3040,
-21.3080

■ 36.3110, 3.3040,
-21.3080

■ 145.6373, 0.4152,
-24.0151

■ 27.4888, 3.3371,
-20.7634

■ 56.2463, 3.0206,
-22.2956

■ 19.5253, 3.2808,
-20.2524

■ 67.2512, 2.7879,
-22.7099

■ 12.5267, 3.1131,
-19.9425

■ 78.8928, 2.5025,
-23.0659

■ 5.8025, 4.9650,
-24.7108

■ 91.1380, 2.1688,
-23.3641

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 103.9583, 1.7905,
-23.6059

0.0000, NaN, NaN

117.3291, 1.3704,

0.0000, NaN, NaN

-23.7935

0.0000, NaN, NaN

131.2286, 0.9113,
-23.9292

■ 36.3110, 3.3040,
-21.3080

■ 36.3110, 3.3040,
-21.3080

■ 32.4730, 5.6868,
-28.8015

■ 40.3287, 1.3320,
-14.5095

■ 28.8482, 8.5763,
-37.1302

■ 44.4974, -0.3087,
-8.2800

■ 25.4848, 12.0744,
-46.4076

■ 48.7973, -1.6823,
-2.5092

■ 22.4457, 16.2596,
-56.6453

■ 53.2126, -2.8394,
2.8919

■ 19.8107, 21.1165,
-67.5956

■ 57.7309, -3.8194,
7.9949

■ 17.6198, 26.3124,
-78.8237

■ 62.3420, -4.6533,
12.8566

■ 17.6195, 26.3132,
-78.8255

■ 67.0379, -5.3654,
17.5223

■ 71.8119, -5.9753,
22.0283

■ 76.6581, -6.4984,
26.4036

Harmonies

Analogous

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



36.3117, -6.9355, -21.2925



36.3110, 3.3040, -21.3080



36.3117, 13.1166, -14.0220

Triad

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



36.3117, 3.3038, -21.3072



36.3117, 13.1474, 12.9146



36.3117, -19.1342, 6.5320

Complementary

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



36.3110, 3.3040, -21.3080



48.1776, -4.1005, 18.5178

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.



36.3117, -14.8827, 12.9313



36.3110, 3.3040, -21.3080



36.3117, 3.3422, 15.8563

Square

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



36.3117, 3.3038, -21.3072



36.3117, 19.2153, 6.5020



36.3117, -6.9011, 15.8614



36.3117, -19.1420, -3.2186

Rectangle

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



36.3110, 3.3040, -21.3080



36.3117, 17.7724, -6.9285



36.3117, -6.9011, 15.8614



36.3117, -18.1768, 9.0759

Sweetspot

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



36.3117, 3.3038, -21.3072



63.9919, -1.8648, -5.0498



48.9170, -19.2480, 3.5775



29.8771, -0.7865, -2.7822



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



36.3117, 3.3038, -21.3072



43.9566, 7.2638, -37.4951



34.2249, 13.3951, -25.0834



23.3215, -0.8474, -0.9711



16.4221, 24.0373, -72.4159



2.3235, 0.5835, -4.1637

Inverse Universe

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



37.0901, 18.7638, 3.9096



45.6697, 31.8085, 6.2749



50.6440, -14.6791, 20.3928



23.3295, 0.9134, 1.3472



22.9316, 39.6863, 11.5987



2.3048, 4.1101, 0.2256

Previews

White Background



This preview shows how the HunterLab color 36.3110, 3.3040, -21.3080 looks on a white background.

Color Contrast Check

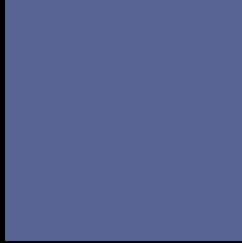
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.3110, 3.3040, -21.3080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

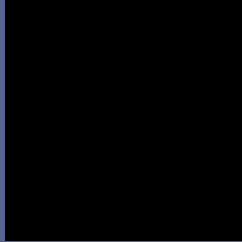
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

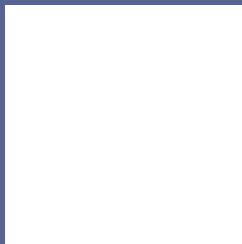
Any Text WCAG AAA × Fail

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

HunterLab 36.3110, 3.3040, -21.3080 Background



This preview shows how black text looks on a background with the HunterLab color 36.3110, 3.3040, -21.3080.



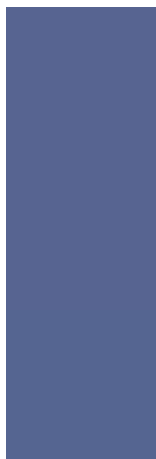
This preview shows how white text looks on a background with the HunterLab color 36.3110, 3.3040,

-21.3080.

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

36.3110, 3.3040, -21.3080

Protanopia

36.3110, 3.3040, -21.3080

Deuteranopia

36.4458, 2.3915, -21.0791



Tritanopia

36.3115, -7.4276, -3.7488

Trichromacy



Original Color

36.3110, 3.3040, -21.3080

Protanomaly

36.3110, 3.3040, -21.3080

Deuteranomaly

36.5104, 2.6084, -20.9584

Tritanomaly

36.2976, -3.8611, -9.3933

Monochromacy



Original Color

36.3110, 3.3040, -21.3080

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

36.1642, -0.6596, -5.3189

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.3110, 3.3040, -21.3080 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(87, 100, 145)` looks like.

```
.text, #text, p{  
    color:rgb(87, 100, 145)  
}
```

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(87, 100, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 100, 145) }
```

Border

The CSS property to change the border of an element to HunterLab 36.3110, 3.3040, -21.3080 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(87, 100, 145) }
```


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

```
.border{ border-color:rgb(87, 100, 145) }
```

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

Here you see how a box with a 4 pixel rgb(87, 100, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 100, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 100, 145);  
box-shadow:4px 4px 4px 4px rgb(87, 100,  
145) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.3110, 3.3040, -21.3080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 100, 145) }
```

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

```
.background{ background-color: rgb(87, 100,  
145) }
```

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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