

Converting Colors

HunterLab(21.0130, 18.0444,
-30.8175)

Have a look what the booklet for
HunterLab(21.0130, 18.0444,
-30.8175) contains.

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Color

**HunterLab(21.0911, 17.9617,
-30.6072)**

Conversions

Conversions Part 1

Format	Color
Hex	462E71
RGB	70, 46, 113
RGB Percent	27%, 18%, 44%
CMY	0.7255, 0.8196, 0.5569
CMYK	0.38, 0.59, 0.00, 0.56
HSL	261°, 42%, 31%
HSV	261°, 59%, 44%
XYZ	6.4834, 4.4483, 16.1397
YIQ	60.8140, -7.2030, 25.9250

Conversions

Conversions Part 2

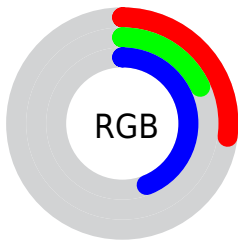
Format	Color
R_{YB}	70, 46, 113
Decimal	4599409
CIE _{Lab}	25.10, 27.13, -34.98
CIE _{LCh}	25, 44.271, 307.800
Yxy	4.4485, 0.2395, 0.1643
Android (android.graphics.Color)	4282789489 (0xFF462E71)
YUV	60.8140, 25.7277, 8.0561
Hunter-Lab	21.0911, 17.9617, -30.6072

Details

The HunterLab color $[21.0911, 17.9617, -30.6072]$ is a dark color, and the websafe version is hex 333366 . A complement of this color would be $[37.5918, -15.8417, 18.8097]$, and the grayscale version is $[21.4541, -1.1447, 1.1656]$.

A 20% lighter version of the original color is $[38.2234, 19.9277, -31.3147]$, and $[7.4987, 16.2900, -33.4455]$ is the 20% darker color. If you saturate the color by 10%, you get $[18.5077, 21.6879, -38.2644]$, and if you desaturate by 10%, it is $[23.9515, 14.2758, -23.6645]$.

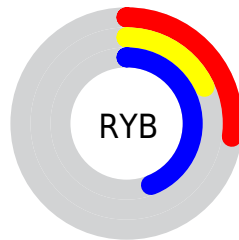
Distribution



Red (27%)

Green (18%)

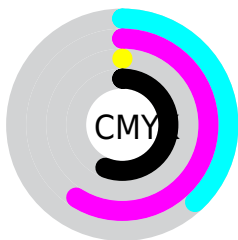
Blue (44%)



Red (27%)

Yellow (18%)

Blue (44%)

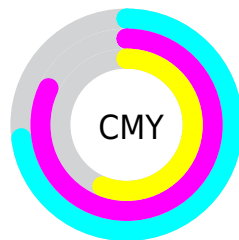


Cyan (38%)

Magenta (59%)

Yellow (0%)

Black (56%)



Cyan (73%)

Magenta (82%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.0911, 17.9617, -30.6072 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 21.0911, 17.9617, -30.6072 by changing the saturation by 10% instead.

■ 21.0911, 17.9617,
-30.6072

■ 21.0911, 17.9617,
-30.6072

■ 120.1508, 24.3792,
-35.3318

■ 13.8834, 16.6508,
-30.7143

■ 38.2293, 20.1409,
-31.5706

■ 7.5154, 16.5892,
-33.7629

■ 47.9883, 21.0328,
-32.1954

0.0000, INF, -NF

■ 58.4602, 21.8121,
-32.8182

0.0000, NaN, -NF

■ 69.5993, 22.4909,
-33.4125

0.0000, NaN, NaN

■ 81.3678, 23.0794,
-33.9656

0.0000, NaN, NaN

■ 93.7337, 23.5857,

0.0000, NaN, NaN

0.0000, NaN, NaN

-34.4712

0.0000, NaN, NaN

106.6694, 24.0170,
-34.9269

■ 21.0911, 17.9617,
-30.6072

■ 21.0911, 17.9617,
-30.6072

■ 18.5077, 21.6879,
-38.2644

■ 23.9515, 14.2758,
-23.6645

■ 16.2710, 25.2593,
-46.4600

■ 27.0331, 10.7060,
-17.4197

■ 14.4639, 28.2968,
-54.6332

■ 30.2952, 7.2682,
-11.7802

■ 12.9651, 31.0541,
-62.9116

■ 33.7077, 3.9523,
-6.6401

■ 12.8571, 31.2911,
-63.5741

■ 37.2480, 0.7402,
-1.9030

■ 40.8987, -2.3876,
2.5116

■ 44.6467, -5.4487,
6.6688

■ 48.4814, -8.4582,
10.6201

■ 52.3946, -11.4285,
14.4062

Harmonies

Analogous

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



21.0915, 2.6389, -43.0109



21.0911, 17.9617, -30.6072



21.0915, 29.9000, -10.9489

Triad

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



21.0915, 17.9617, -30.6064



21.0915, 9.9965, 14.3139



21.0915, -21.6670, -2.6170

Complementary

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



21.0911, 17.9617, -30.6072



37.5918, -15.8417, 18.8097

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.



21.0915, -20.6603, 8.6932



21.0911, 17.9617, -30.6072



21.0915, -4.6450, 14.7640

Square

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



21.0915, 17.9617, -30.6064



21.0915, 24.5306, 11.5642



21.0915, -15.1785, 13.1331



21.0915, -18.4131, -21.2452

Rectangle

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



21.0911, 17.9617, -30.6072



21.0915, 32.9299, 0.1447



21.0915, -15.1785, 13.1331



21.0915, -21.7960, 2.1044

Sweetspot

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



21.0915, 17.9617, -30.6064



45.4839, 4.9360, -8.3537



30.0165, -6.5855, -12.4784



21.3574, 2.8582, -4.7502



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



21.0915, 17.9617, -30.6064



23.6272, 30.7907, -55.1035



24.5499, 26.4424, -22.1401



18.3118, 0.3166, -0.8662



13.6550, 33.2885, -67.9506



29.7346, 73.5780, -156.4155

Inverse Universe

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



24.8718, 25.3019, -6.7609



30.2298, 40.8923, -9.7484



35.8467, -22.7356, 17.4152



18.5315, 0.9565, 0.2341



21.2532, 38.9123, -5.7666



47.2569, 86.2068, -10.3777

Previews

White Background



This preview shows how the HunterLab color 21.0911, 17.9617, -30.6072 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 21.0911, 17.9617, -30.6072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

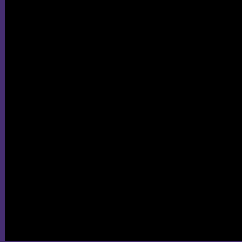
Any Text WCAG AA × Fail

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 21.0911, 17.9617, -30.6072 Background



This preview shows how black text looks on a background with the HunterLab color 21.0911, 17.9617, -30.6072.



This preview shows how white text looks on a background with the HunterLab color 21.0911, 17.9617, -30.6072.

-30.6072.

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

21.0911, 17.9617, -30.6072

Protanopia

21.1096, 6.0832, -39.5172

Deuteranopia

21.0243, 0.3565, -27.0481



Tritanopia

21.0426, -0.4078, -0.7076

Trichromacy



Original Color

21.0911, 17.9617, -30.6072

Protanomaly

20.4375, 8.3394, -37.8917

Deuteranomaly

20.3981, 4.8158, -30.2250

Tritanomaly

20.7468, 5.7831, -9.9274

Monochromacy



Original Color

21.0911, 17.9617, -30.6072

Achromatopsia

21.6021, -1.1526, 1.1737

Achromatomaly

21.2074, 4.7737, -8.0665

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.0911, 17.9617, -30.6072 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, 46, 113)` looks like.

```
.text, #text, p{  
    color:rgb(70, 46, 113)  
}
```

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, 46, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 46, 113) }
```

Border

The CSS property to change the border of an element to HunterLab 21.0911, 17.9617, -30.6072 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, 46, 113) }
```


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

```
.border{ border-color:rgb(70, 46, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 46, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 46, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 46, 113);  
box-shadow:4px 4px 4px 4px rgb(70, 46,  
113) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.0911, 17.9617, -30.6072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 46, 113) }
```

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

```
.background{ background-color: rgb(70, 46,  
113) }
```

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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