

Converting Colors

HunterLab(21.7429, -16.3917,
12.5060)

Have a look what the booklet for
HunterLab(21.7429, -16.3917,
12.5060) contains.

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Color

**HunterLab(21.6670,
-16.2673, 12.4377)**

Conversions

Conversions Part 1

Format	Color
Hex	164708
RGB	22, 71, 8
RGB Percent	9%, 28%, 3%
CMY	0.9137, 0.7216, 0.9686
CMYK	0.69, 0.00, 0.89, 0.72
HSL	107°, 80%, 15%
HSV	107°, 89%, 28%
XYZ	2.6280, 4.6946, 0.9974
YIQ	49.1670, -8.9810, -29.9810

Conversions

Conversions Part 2

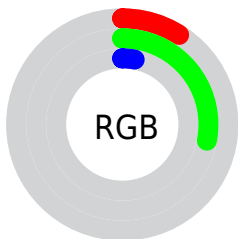
Format	Color
R_{YB}	8, 71, 57
Decimal	1459976
CIE _{Lab}	25.85, -29.18, 30.30
CIE _{LCh}	26, 42.067, 133.920
Yxy	4.6948, 0.3159, 0.5643
Android (android.graphics.Color)	4279650056 (0xFF164708)
YUV	49.1670, -20.2953, -23.8255
Hunter-Lab	21.6670, -16.2673, 12.4377

Details

The HunterLab color **21.6670, -16.2673, 12.4377** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **12.2419, 21.0338, -20.9612**, and the grayscale version is **17.6492, -0.9417, 0.9589**.

A 20% lighter version of the original color is **38.8912, -21.4568, 18.0787**, and **9.3741, -8.0383, 5.6355** is the 20% darker color. If you saturate the color by 10%, you get **21.5013, -17.0370, 12.8793**, and if you desaturate by 10%, it is **21.8670, -15.3600, 11.9697**.

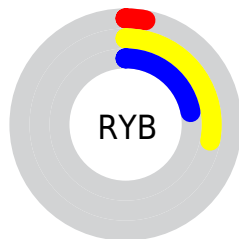
Distribution



Red (9%)

Green (28%)

Blue (3%)



Red (3%)

Yellow (28%)

Blue (22%)

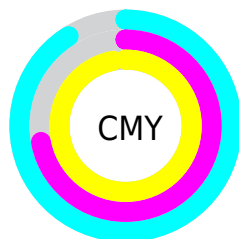


Cyan (69%)

Magenta (0%)

Yellow (89%)

Black (72%)



Cyan (91%)

Magenta (72%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.6670, -16.2673, 12.4377 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 21.6670, -16.2673, 12.4377 by changing the saturation by 10% instead.

■ 21.6670, -16.2673,
12.4377

■ 21.6670, -16.2673,
12.4377

■ 121.1764,
-36.5420, 33.8941

■ 14.3851, -13.2582,
10.0696

■ 38.9305, -21.4811,
18.0328

■ 8.0454, -14.0795,
5.6318

■ 48.7444, -23.8471,
20.5577

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 59.2675, -26.1097,
22.9598

0.0000, NaN, NaN

■ 70.4547, -28.2941,
25.2673

0.0000, NaN, NaN

■ 82.2687, -30.4180,
27.5009

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 94.6780, -32.4945,


29.6759


0.0000, NaN, NaN


 107.6551,
-34.5333, 31.8039


 21.6670, -16.2673,
12.4377


 21.6670, -16.2673,
12.4377


 21.5013, -17.0370,
12.8793


 21.8670, -15.3600,
11.9697

 21.4823, -17.1266,
12.9374

 22.1121, -14.2465,
11.3131

 22.4050, -12.9233,
10.4514

 22.7464, -11.3943,
9.3817

 23.1368, -9.6676,
8.1060

■ 23.5760, -7.7539,
6.6301

■ 24.0633, -5.6664,
4.9627

■ 24.5980, -3.4194,
3.1148

■ 25.1786, -1.0281,
1.0988

Harmonies

Analogous

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



21.6675, -7.0040, 14.4534



21.6670, -16.2673, 12.4377



21.6675, -20.7467, 6.9208

Triad

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



21.6675, -16.2677, 12.4378



21.6675, -7.8311, -37.9614



21.6675, 29.8857, 6.2783

Complementary

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



21.6670, -16.2673, 12.4377



12.2419, 21.0338, -20.9612

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.



21.6675, 29.5089, -6.7509



21.6670, -16.2673, 12.4377



21.6675, 5.3837, -38.5447

Square

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



21.6675, -16.2677, 12.4378



21.6675, -16.7459, -23.5815



21.6675, 19.7255, -24.8824



21.6675, 20.6560, 12.2124

Rectangle

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



21.6670, -16.2673, 12.4377



21.6675, -21.3100, -0.5607



21.6675, 19.7255, -24.8824



21.6675, 30.9365, 2.7862

Sweetspot

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



21.6675, -16.2677, 12.4378



30.6968, -9.9044, 8.4811



20.5302, -0.5295, 11.9777



15.4740, -5.1773, 4.4211



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



21.6675, -16.2677, 12.4378



27.8794, -22.4969, 16.7853



21.5120, -16.6789, 10.4595



12.9257, -1.7802, 1.6229



30.2999, -24.5260, 18.2413



74.5653, -61.5650, 44.8690

Inverse Universe

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



12.2419, 21.0338, -20.9612



14.5742, 30.2366, -31.4946



13.3477, 21.5231, -7.0116



12.3340, 0.4691, -0.2998



15.8177, 32.8379, -34.3491



38.5156, 80.3510, -86.6756

Previews

White Background



This preview shows how the HunterLab color 21.6670, -16.2673, 12.4377 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

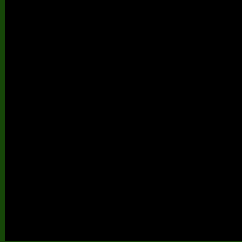
Any Text WCAG AA × Fail

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 21.6670, -16.2673, 12.4377 Background



This preview shows how black text looks on a background with the HunterLab color 21.6670, -16.2673, 12.4377.



This preview shows how white text looks on a background with the HunterLab color 21.6670,

-16.2673, 12.4377.

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

21.6670, -16.2673, 12.4377

Protanopia

21.4743, -3.1266, 12.8605

Deuteranopia

21.5508, 1.0064, 11.8381



Tritanopia

21.7404, -6.7380, -2.9791

Trichromacy



Original Color

21.6670, -16.2673, 12.4377

Protanomaly

21.2641, -9.2263, 12.5410

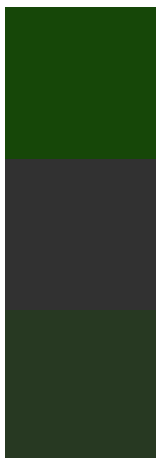
Deuteranomaly

21.1106, -6.9764, 11.7193

Tritanomaly

21.5382, -11.4559, 5.3736

Monochromacy



Original Color

21.6670, -16.2673, 12.4377

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

18.6362, -7.8198, 6.5319

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.6670, -16.2673, 12.4377 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(22, 71, 8)` looks like.

```
.text, #text, p{  
    color:rgb(22, 71, 8)  
}
```

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(22, 71, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 71, 8) }
```

Border

The CSS property to change the border of an element to HunterLab 21.6670, -16.2673, 12.4377 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(22, 71, 8) }
```


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

```
.border{ border-color:rgb(22, 71, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 71, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 71, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(22, 71, 8); box-shadow:4px  
4px 4px 4px rgb(22, 71, 8) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.6670, -16.2673, 12.4377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 71, 8) }
```

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

```
.background{ background-color: rgb(22, 71,  
8) }
```

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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