

Converting Colors

HunterLab(21.3950, -19.3454,
10.0424)

Have a look what the booklet for
HunterLab(21.3950, -19.3454,
10.0424) contains.

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Color

**HunterLab(21.7114,
-17.3164, 10.2437)**

Conversions

Conversions Part 1

Format	Color
Hex	00481B
RGB	0, 72, 27
RGB Percent	0%, 28%, 11%
CMY	1.0000, 0.7176, 0.8941
CMYK	1.00, 0.00, 0.62, 0.72
HSL	143°, 100%, 14%
HSV	143°, 100%, 28%
XYZ	2.5152, 4.7138, 1.8142
YIQ	45.3420, -28.4670, -29.2590

Conversions

Conversions Part 2

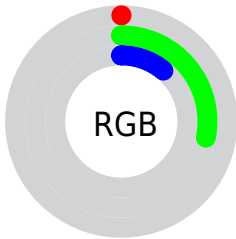
Format	Color
RYB	0, 52, 72
Decimal	18459
CIELab	25.90, -31.62, 21.16
CIELCh	26, 38.050, 146.204
Yxy	4.7140, 0.2781, 0.5213
Android (android.graphics.Color)	4278208539 (0xFF00481B)
YUV	45.3420, -9.0426, -39.7649
Hunter-Lab	21.7114, -17.3164, 10.2437

Details

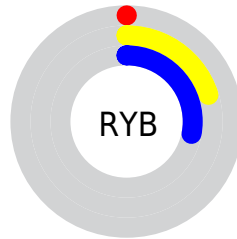
The HunterLab color **21.7114, -17.3164, 10.2437** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **12.5190, 22.9523, -3.6420**, and the grayscale version is **16.3478, -0.8723, 0.8882**.

A 20% lighter version of the original color is **38.8629, -22.6741, 14.1968**, and **9.3741, -8.0383, 5.6355** is the 20% darker color. If you saturate the color by 10%, you get **21.7118, -17.3167, 10.2438**, and if you desaturate by 10%, it is **21.8700, -16.5491, 9.5775**.

Distribution



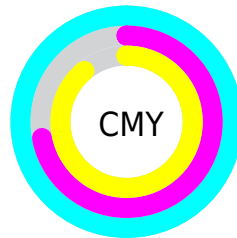
- Red (0%)
- Green (28%)
- Blue (11%)



- Red (0%)
- Yellow (20%)
- Blue (28%)



- Cyan (100%)
- Magenta (0%)
- Yellow (62%)
- Black (72%)



- Cyan (100%)
- Magenta (72%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.7114, -17.3164, 10.2437 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 21.7114, -17.3164, 10.2437 by changing the saturation by 10% instead.

■ 21.7114, -17.3164,
10.2437

■ 21.7114, -17.3164,
10.2437

■ 121.2551,
-38.9267, 26.4842

■ 14.4239, -14.0671,
8.2989

■ 38.9844, -22.9198,
14.3213

■ 8.0846, -14.1481,
5.6592

■ 48.8026, -25.4512,
16.1944

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 59.3295, -27.8657,
17.9988

0.0000, NaN, NaN

■ 70.5204, -30.1912,
19.7530

0.0000, NaN, NaN

■ 82.3379, -32.4472,
21.4702


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 94.7505, -34.6483,


23.1599


0.0000, NaN, NaN


 107.7309,
-36.8053, 24.8295


 21.7114, -17.3164,
10.2437


 21.7114, -17.3164,
10.2437


 21.7118, -17.3167,
10.2438

 21.8700, -16.5491,
9.5775

 22.0429, -15.7125,
8.8180

 22.2657, -14.6645,
7.9979

 22.5448, -13.3871,
7.1283

 22.8823, -11.8827,
6.2184

■ 23.2792, -10.1590,
5.2774

■ 23.7358, -8.2283,
4.3148

■ 24.2517, -6.1060,
3.3395

■ 24.8259, -3.8097,
2.3597

Harmonies

Analogous

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



21.7118, -10.5128, 13.1893



21.7114, -17.3164, 10.2437



21.7118, -19.8479, 2.5974

Triad

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



21.7118, -17.3166, 10.2438



21.7118, -2.6794, -34.5612



21.7118, 23.9244, 8.8628

Complementary

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



21.7114, -17.3164, 10.2437



12.5190, 22.9523, -3.6420

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.



21.7118, 27.2941, -0.3360



21.7114, -17.3164, 10.2437



21.7118, 10.1060, -29.5556

Square

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



21.7118, -17.3166, 10.2438



21.7118, -12.6507, -26.4513



21.7118, 21.7711, -15.0972



21.7118, 13.3661, 12.7084

Rectangle

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



21.7114, -17.3164, 10.2437



21.7118, -19.2974, -5.9509



21.7118, 21.7711, -15.0972



21.7118, 26.0227, 6.4980

Sweetspot

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



21.7118, -17.3166, 10.2438



31.2388, -11.1768, 5.8469



22.8178, -13.1280, 13.8304



16.0604, -6.0620, 3.1608



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



21.7118, -17.3166, 10.2438



28.6207, -23.0001, 13.8773



22.3319, -13.5189, 1.2706



12.9046, -1.7976, 1.1502



30.2401, -24.3320, 14.7285



74.5442, -60.7724, 38.0164

Inverse Universe

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



12.5190, 22.9523, -3.6420



16.4732, 30.1257, -4.1985



11.8272, 20.4321, 6.2635



12.3585, 0.4874, 0.2316



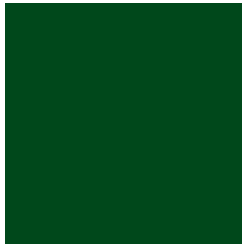
17.3999, 31.8066, -4.3272



42.7446, 77.7592, -7.7105

Previews

White Background



This preview shows how the HunterLab color 21.7114, -17.3164, 10.2437 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

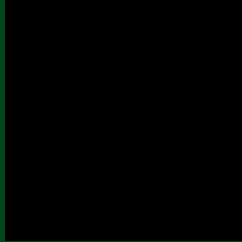
Any Text WCAG AA × Fail

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 21.7114, -17.3164, 10.2437 Background



This preview shows how black text looks on a background with the HunterLab color 21.7114, -17.3164, 10.2437.



This preview shows how white text looks on a background with the HunterLab color 21.7114,

-17.3164, 10.2437.

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

21.7114, -17.3164, 10.2437

Protanopia

21.8550, -2.7852, 11.0738

Deuteranopia

21.8251, 0.9963, 9.9444



Tritanopia

21.8095, -7.7495, -3.8326

Trichromacy



Original Color

21.7114, -17.3164, 10.2437

Protanomaly

21.2181, -10.5278, 10.3203

Deuteranomaly

20.9497, -8.6583, 9.2813

Tritanomaly

21.6110, -12.2855, 2.8370

Monochromacy



Original Color

21.7114, -17.3164, 10.2437

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

17.7018, -8.5646, 4.6160

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.7114, -17.3164, 10.2437 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(0, 72, 27)` looks like.

```
.text, #text, p{  
    color:rgb(0, 72, 27)  
}
```

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(0, 72, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 72, 27) }
```

Border

The CSS property to change the border of an element to HunterLab 21.7114, -17.3164, 10.2437 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(0, 72, 27) }
```


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

```
.border{ border-color:rgb(0, 72, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 72, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 72, 27); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 72, 27); box-shadow:4px  
4px 4px 4px rgb(0, 72, 27) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.7114, -17.3164, 10.2437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 72, 27) }
```

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

```
.background{ background-color: rgb(0, 72,  
27) }
```

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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