

Converting Colors

HunterLab(21.4923, -12.2593,
8.3816)

Have a look what the booklet for
HunterLab(21.4923, -12.2593,
8.3816) contains.

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Color

**HunterLab(21.4516,
-12.2006, 8.3916)**

Conversions

Conversions Part 1

Format	Color
Hex	224424
RGB	34, 68, 36
RGB Percent	13%, 27%, 14%
CMY	0.8667, 0.7333, 0.8588
CMYK	0.50, 0.00, 0.47, 0.73
HSL	124°, 33%, 20%
HSV	124°, 50%, 27%
XYZ	3.0452, 4.6017, 2.3968
YIQ	54.1860, -9.9920, -17.1600

Conversions

Conversions Part 2

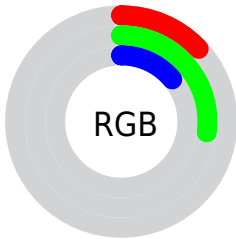
Format	Color
R_{YB}	34, 66, 68
Decimal	2245668
CIE _{Lab}	25.57, -20.37, 15.62
CIE _{LCh}	26, 25.668, 142.521
Y _{xy}	4.6019, 0.3032, 0.4582
Android (android.graphics.Color)	4280435748 (0xFF224424)
Y _{UV}	54.1860, -8.9657, -17.7031
Hunter-Lab	21.4516, -12.2006, 8.3916

Details

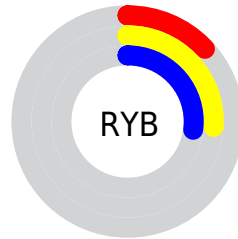
The HunterLab color **21.4516, -12.2006, 8.3916** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **16.6326, 13.1708, -7.8942**, and the grayscale version is **19.3019, -1.0299, 1.0487**.

A 20% lighter version of the original color is **38.8149, -16.2370, 11.7423**, and **8.8536, -7.5920, 5.3226** is the 20% darker color. If you saturate the color by 10%, you get **21.1232, -13.6948, 9.4031**, and if you desaturate by 10%, it is **21.8445, -10.4544, 7.2294**.

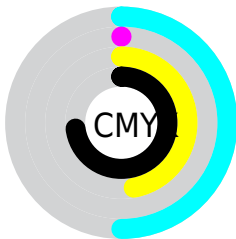
Distribution



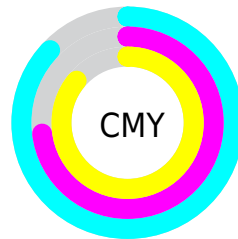
- Red (13%)
- Green (27%)
- Blue (14%)



- Red (13%)
- Yellow (26%)
- Blue (27%)



- Cyan (50%)
- Magenta (0%)
- Yellow (47%)
- Black (73%)



- Cyan (87%)
- Magenta (73%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.4516, -12.2006, 8.3916 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 21.4516, -12.2006, 8.3916 by changing the saturation by 10% instead.

■ 21.4516, -12.2006,
8.3916

■ 21.4516, -12.2006,
8.3916

120.7936,
-27.7513, 21.5988

■ 14.1973, -10.0371,
6.6608

■ 38.6685, -16.0421,
11.5817

■ 7.8520, -11.7237,
5.4964

■ 48.4620, -17.8239,
13.0774

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.9660, -19.5495,
14.5359

0.0000, NaN, NaN

■ 70.1353, -21.2346,
15.9696

0.0000, NaN, NaN

■ 81.9323, -22.8903,
17.3873

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.3254, -24.5245,

107.2872,
-26.1433, 20.1979

21.4516, -12.2006,
8.3916

21.4516, -12.2006,
8.3916

21.1232, -13.6948,
9.4031

21.8445, -10.4544,
7.2294

20.8568, -14.9273,
10.2560

22.3007, -8.4696,
5.9264

20.6506, -15.8965,
10.9472

22.8202, -6.2650,
4.4954

20.4966, -16.6286,
11.4747

23.4016, -3.8620,
2.9506

20.3549, -17.3005,
11.9050

24.0433, -1.2832,
1.3065

■ 24.7429, 1.4489,
-0.4226

■ 25.4981, 4.3123,
-2.2230

■ 26.3063, 7.2865,
-4.0822

■ 27.1646, 10.3530,
-5.9889

Harmonies

Analogous

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



21.4520, -6.8142, 10.8667



21.4516, -12.2006, 8.3916



21.4520, -14.5559, 3.0156

Triad

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



21.4520, -12.2010, 8.3918



21.4520, -3.1440, -19.4440



21.4520, 15.2995, 6.1208

Complementary

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



21.4516, -12.2006, 8.3916



16.6326, 13.1708, -7.8942

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.



21.4520, 16.6700, -0.8608



21.4516, -12.2006, 8.3916



21.4520, 5.1801, -17.6257

Square

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



21.4520, -12.2010, 8.3918



21.4520, -9.8578, -14.3143



21.4520, 12.7317, -10.0024



21.4520, 9.2255, 9.9376

Rectangle

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



21.4516, -12.2006, 8.3916



21.4520, -14.3795, -2.3151



21.4520, 12.7317, -10.0024



21.4520, 16.3589, 4.1495

Sweetspot

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



21.4520, -12.2010, 8.3918



30.4109, -6.9076, 5.0552



23.2781, -5.2860, 10.3967



15.7866, -3.7572, 2.7353



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.



21.4520, -12.2010, 8.3918



27.7518, -18.5018, 12.7033



21.7458, -10.4530, 4.1314



12.0975, -1.7916, 1.3933



29.2291, -24.9113, 17.2426



73.1821, -62.6093, 43.6842

Inverse Universe

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



16.6326, 13.1708, -7.8942



20.1330, 21.9477, -13.1985



16.1163, 10.7474, -0.6937



11.6430, 0.5672, -0.1260



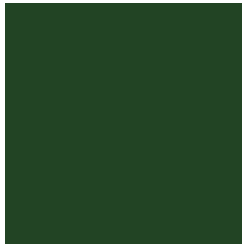
18.1511, 35.2644, -20.6738



45.4138, 88.1499, -51.0978

Previews

White Background



This preview shows how the HunterLab color 21.4516, -12.2006, 8.3916 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

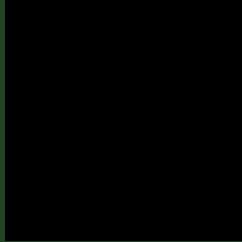
Any Text WCAG AA × Fail

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 21.4516, -12.2006, 8.3916 Background



This preview shows how black text looks on a background with the HunterLab color 21.4516, -12.2006, 8.3916.



This preview shows how white text looks on a background with the HunterLab color 21.4516,

-12.2006, 8.3916.

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

21.4516, -12.2006, 8.3916

Protanopia

21.4605, -2.7050, 9.2014

Deuteranopia

21.4068, 0.9831, 8.1292



Tritanopia

21.3726, -5.4812, -2.5451

Trichromacy



Original Color

21.4516, -12.2006, 8.3916

Protanomaly

21.3695, -6.9628, 8.8470

Deuteranomaly

21.2335, -4.7080, 8.1143

Tritanomaly

21.1851, -8.1892, 2.0774

Monochromacy



Original Color

21.4516, -12.2006, 8.3916

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

19.8431, -5.4959, 4.0955

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.4516, -12.2006, 8.3916 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(34, 68, 36) looks like.

```
.text, #text, p{  
    color:rgb(34, 68, 36)  
}
```

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(34, 68, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 68, 36) }
```

Border

The CSS property to change the border of an element to HunterLab 21.4516, -12.2006, 8.3916 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(34, 68, 36) }
```


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

```
.border{ border-color:rgb(34, 68, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 68, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 68, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 68, 36);  
box-shadow:4px 4px 4px 4px rgb(34, 68, 36)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.4516, -12.2006, 8.3916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 68, 36) }
```

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

```
.background{ background-color: rgb(34, 68,  
36) }
```

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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