

Converting Colors

HunterLab(21.4807, -6.8539,
-12.1166)

Have a look what the booklet for
HunterLab(21.4807, -6.8539,
-12.1166) contains.

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Color

**HunterLab(21.4500, -6.6667,
-12.4190)**

Conversions

Conversions Part 1

Format	Color
Hex	004258
RGB	0, 66, 88
RGB Percent	0%, 26%, 35%
CMY	1.0000, 0.7412, 0.6549
CMYK	1.00, 0.25, 0.00, 0.65
HSL	195°, 100%, 17%
HSV	195°, 100%, 35%
XYZ	3.7097, 4.6010, 9.9251
YIQ	48.7740, -46.3980, -7.1500

Conversions

Conversions Part 2

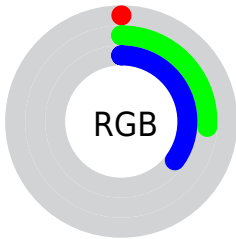
Format	Color
RYB	0, 38, 88
Decimal	16984
CIELab	25.57, -9.56, -18.34
CIELCh	26, 20.685, 242.469
Yxy	4.6012, 0.2034, 0.2523
Android (android.graphics.Color)	4278207064 (0xFF004258)
YUV	48.7740, 19.3384, -42.7748
Hunter-Lab	21.4500, -6.6667, -12.4190

Details

The HunterLab color **21.4500, -6.6667, -12.4190** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **16.2753, 18.8063, 10.3572**, and the grayscale version is **17.3996, -0.9284, 0.9454**.

A 20% lighter version of the original color is **38.6776, -8.9863, -13.1832**, and **9.0578, -1.1784, -8.7776** is the 20% darker color. If you saturate the color by 10%, you get **21.4497, -6.6662, -12.4198**, and if you desaturate by 10%, it is **22.1812, -7.0216, -11.1337**.

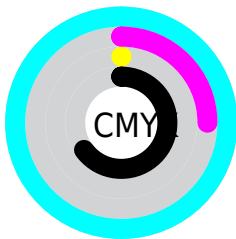
Distribution



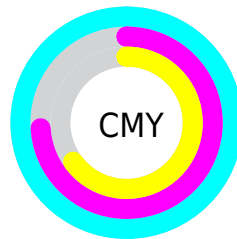
- Red (0%)
- Green (26%)
- Blue (35%)



- Red (0%)
- Yellow (15%)
- Blue (35%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (65%)



- Cyan (100%)
- Magenta (74%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.4500, -6.6667, -12.4190 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 21.4500, -6.6667, -12.4190 by changing the saturation by 10% instead.

■ 21.4500, -6.6667,
-12.4190

■ 21.4500, -6.6667,
-12.4190

■ 120.7906,
-16.6432, -13.9124

■ 14.1958, -5.4870,
-11.9667

■ 38.6664, -8.9035,
-13.2004

■ 7.8504, -5.7264,
-12.1031

■ 48.4598, -9.9986,
-13.4906

0.0000, NaN, -NF

■ 58.9636, -11.0909,
-13.7121

0.0000, NaN, NaN

■ 70.1328, -12.1854,
-13.8681

0.0000, NaN, NaN

■ 81.9297, -13.2858,
-13.9626

0.0000, NaN, NaN

■ 94.3227, -14.3944,

0.0000, NaN, NaN

0.0000, NaN, NaN

-13.9992

0.0000, NaN, NaN

107.2843,
-15.5132, -13.9814

21.4500, -6.6667,
-12.4190

21.4500, -6.6667,
-12.4190

21.4497, -6.6662,
-12.4198

22.1812, -7.0216,
-11.1337

22.9350, -7.3002,
-9.8630

23.7539, -7.3450,
-8.5362

24.6391, -7.1538,
-7.1596

25.5896, -6.7335,
-5.7414

■ 26.6035, -6.0955,
-4.2902

■ 27.6784, -5.2539,
-2.8140

■ 28.8115, -4.2244,
-1.3199

■ 29.9998, -3.0230,
0.1860

Harmonies

Analogous

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



21.4504, -10.7778, -6.3183



21.4500, -6.6667, -12.4190



21.4504, -0.6000, -14.5981

Triad

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



21.4504, -6.6665, -12.4186



21.4504, 12.9556, 1.6777



21.4504, -7.5017, 9.0203

Complementary

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



21.4500, -6.6667, -12.4190



16.2753, 18.8063, 10.3572

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.



21.4504, -1.6860, 10.0246



21.4500, -6.6667, -12.4190



21.4504, 10.5581, 6.6587

Square

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



21.4504, -6.6665, -12.4186



21.4504, 11.2150, -5.1470



21.4504, 4.9970, 9.3111



21.4504, -11.2177, 6.0034

Rectangle

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



21.4500, -6.6667, -12.4190



21.4504, 3.8873, -13.1306



21.4504, 4.9970, 9.3111



21.4504, -5.7536, 9.5553

Sweetspot

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



21.4504, -6.6665, -12.4186



36.4545, -7.0707, -3.9180



26.5284, -21.9677, 14.2649



18.1539, -3.7189, -2.2374



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



21.4504, -6.6665, -12.4186



28.1021, -8.4460, -16.8928



11.3080, 12.5489, -41.2209



15.1113, -1.4355, 0.1864



26.1695, -7.9302, -15.5904



60.8314, -17.0971, -39.1261

Inverse Universe

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



15.7107, 29.4058, -9.2563



20.7383, 38.7594, -11.7497



24.4366, 0.8661, 15.0723



14.6366, 0.7247, 0.0569



19.2769, 36.0416, -11.0265



45.5265, 84.8458, -23.9167

Previews

White Background



This preview shows how the HunterLab color 21.4500, -6.6667, -12.4190 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 21.4500, -6.6667, -12.4190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

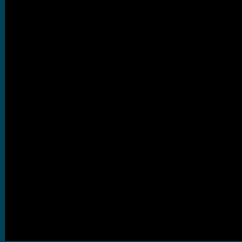
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

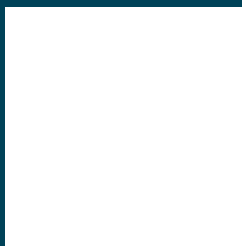
Any Text WCAG AAA × Fail

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

HunterLab 21.4500, -6.6667, -12.4190 Background



This preview shows how black text looks on a background with the HunterLab color 21.4500, -6.6667, -12.4190.



This preview shows how white text looks on a background with the HunterLab color 21.4500, -6.6667, -12.4190.

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

21.4500, -6.6667, -12.4190

Protanopia

21.5419, 1.2345, -9.2283

Deuteranopia

21.7065, 0.9802, -12.4228



Tritanopia

21.4832, -10.4281, -4.3408

Trichromacy



Original Color

21.4500, -6.6667, -12.4190

Protanomaly

21.0742, -2.8131, -11.2427

Deuteranomaly

21.3719, -2.7752, -13.0988

Tritanomaly

21.3644, -9.1285, -6.9979

Monochromacy



Original Color

21.4500, -6.6667, -12.4190

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

18.3917, -4.7341, -3.9100

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.4500, -6.6667, -12.4190 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, 66, 88)` looks like.

```
.text, #text, p{  
    color:rgb(0, 66, 88)  
}
```

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, 66, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 66, 88) }
```

Border

The CSS property to change the border of an element to HunterLab 21.4500, -6.6667, -12.4190 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, 66, 88) }
```


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

```
.border{ border-color:rgb(0, 66, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 66, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 66, 88); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 66, 88); box-shadow:4px  
4px 4px 4px rgb(0, 66, 88) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.4500, -6.6667, -12.4190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 66, 88) }
```

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

```
.background{ background-color: rgb(0, 66,  
88) }
```

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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