

Converting Colors

HunterLab(18.6404, -4.4442,
-8.7820)

Have a look what the booklet for
HunterLab(18.6404, -4.4442,
-8.7820) contains.

HunterLab(18.6248, -4.5502, -8.6692)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(18.6248, -4.5502,
-8.6692)**

Conversions

Conversions Part 1

Format	Color
Hex	153849
RGB	21, 56, 73
RGB Percent	8%, 22%, 29%
CMY	0.9176, 0.7804, 0.7137
CMYK	0.71, 0.23, 0.00, 0.71
HSL	200°, 55%, 18%
HSV	200°, 71%, 29%
XYZ	2.9260, 3.4688, 6.8187
YIQ	47.4730, -26.3170, -2.1330

Conversions

Conversions Part 2

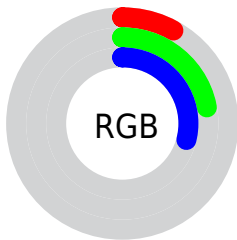
Format	Color
RYB	21, 42, 73
Decimal	1390665
CIELab	21.83, -6.36, -14.20
CIElCh	22, 15.555, 245.864
Yxy	3.4690, 0.2214, 0.2625
Android (android.graphics.Color)	4279580745 (0xFF153849)
YUV	47.4730, 12.5848, -23.2168
Hunter-Lab	18.6248, -4.5502, -8.6692

Details

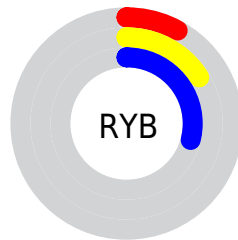
The HunterLab color **18.6248, -4.5502, -8.6692** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **16.9027, 8.1872, 8.0696**, and the grayscale version is **16.9833, -0.9062, 0.9227**.

A 20% lighter version of the original color is **35.2778, -6.2720, -9.3167**, and **6.1773, 0.1203, -7.9808** is the 20% darker color. If you saturate the color by 10%, you get **17.8175, -4.3274, -10.0721**, and if you desaturate by 10%, it is **19.4873, -4.5853, -7.2504**.

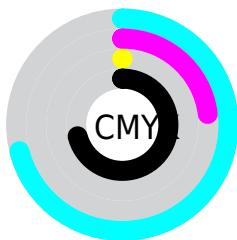
Distribution



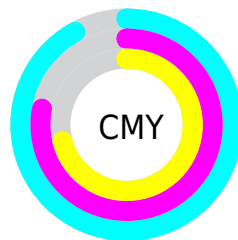
- Red (8%)
- Green (22%)
- Blue (29%)



- Red (8%)
- Yellow (16%)
- Blue (29%)



- Cyan (71%)
- Magenta (23%)
- Yellow (0%)
- Black (71%)



- Cyan (92%)
- Magenta (78%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.6248, -4.5502, -8.6692 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 18.6248, -4.5502, -8.6692 by changing the saturation by 10% instead.

■ 18.6248, -4.5502,
-8.6692

■ 18.6248, -4.5502,
-8.6692

■ 115.6836,
-12.8978, -9.0827

■ 11.7524, -3.6341,
-8.2819

■ 35.2017, -6.3363,
-9.2372

■ 4.5033, -6.3953,
-13.1115

■ 44.7161, -7.2327,
-9.4052

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 54.9603, -8.1393,
-9.5014

0.0000, NaN, NaN

■ 65.8857, -9.0591,
-9.5313

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 77.4521, -9.9939,
-9.5002

0.0000, NaN, NaN

■ 89.6259, -10.9448,

-9.4126

0.0000, NaN, NaN

102.3781,
-11.9126, -9.2723

18.6248, -4.5502,
-8.6692

18.6248, -4.5502,
-8.6692

17.8175, -4.3274,
-10.0721

19.4873, -4.5853,
-7.2504

17.0587, -3.9381,
-11.4660

20.4021, -4.4421,
-5.8244

16.3980, -3.5885,
-12.7496

21.3668, -4.1322,
-4.3974

22.3787, -3.6688,
-2.9748

23.4351, -3.0652,
-1.5605

■ 24.5330, -2.3343,
-0.1575

■ 25.6699, -1.4886,
1.2325

■ 26.8432, -0.5393,
2.6085

■ 28.0504, 0.5033,
3.9699

Harmonies

Analogous

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



18.6251, -7.7714, -4.7629



18.6248, -4.5502, -8.6692



18.6251, -0.0619, -9.7341

Triad

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



18.6251, -4.5502, -8.6688



18.6251, 8.8815, 1.8714



18.6251, -6.0021, 6.7247

Complementary

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



18.6248, -4.5502, -8.6692



16.9027, 8.1872, 8.0696

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.



18.6251, -1.9097, 7.7016



18.6248, -4.5502, -8.6692



18.6251, 6.9149, 5.3822

Square

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



18.6251, -4.5502, -8.6688



18.6251, 7.9968, -2.8579



18.6251, 2.8491, 7.2796



18.6251, -8.5496, 4.1995

Rectangle

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



18.6248, -4.5502, -8.6692



18.6251, 3.1165, -8.5067



18.6251, 2.8491, 7.2796



18.6251, -4.7777, 7.2122

Sweetspot

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



18.6251, -4.5502, -8.6688



30.4141, -4.0373, -2.1343



22.4970, -15.3029, 8.8795



15.6090, -2.1425, -1.2269



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.



18.6251, -4.5502, -8.6688



22.4926, -5.2798, -14.3643



12.6349, 6.0011, -21.6886



12.6865, -1.0827, 0.1099



22.1727, -4.3696, -18.2812



53.1462, -8.3368, -48.4314

Inverse Universe

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



14.9615, 18.3157, -5.2872



17.7070, 28.0715, -6.9798



22.5337, -2.3093, 11.9776



12.3625, 0.5093, 0.1738



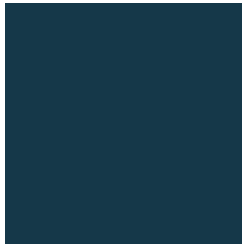
17.5572, 32.3710, -6.5134



43.1446, 79.1981, -13.2963

Previews

White Background



This preview shows how the HunterLab color 18.6248, -4.5502, -8.6692 looks on a white background.

Color Contrast Check

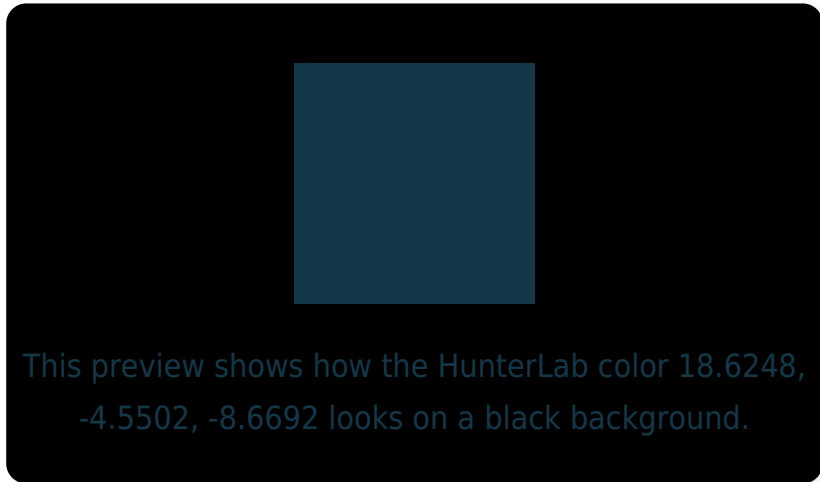
Large Text (above 18pt) WCAG AA ✓ Pass

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

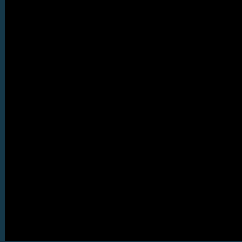
Any Text WCAG AA × Fail

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 18.6248, -4.5502, -8.6692 Background



This preview shows how black text looks on a background with the HunterLab color 18.6248, -4.5502, -8.6692.



This preview shows how white text looks on a background with the HunterLab color 18.6248, -4.5502, -8.6692.

-8.6692.

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

18.6248, -4.5502, -8.6692

Protanopia

18.7150, 0.6861, -6.8126

Deuteranopia

18.6705, 0.8147, -9.0544



Tritanopia

18.6294, -7.9170, -3.6258

Trichromacy



Original Color

18.6248, -4.5502, -8.6692

Protanomaly

18.4749, -1.3190, -7.7699

Deuteranomaly

18.4816, -1.0820, -9.4143

Tritanomaly

18.5517, -6.5836, -5.6548

Monochromacy



Original Color

18.6248, -4.5502, -8.6692

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

17.2592, -2.7578, -2.2659

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.6248, -4.5502, -8.6692 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(21, 56, 73)` looks like.

```
.text, #text, p{  
    color:rgb(21, 56, 73)  
}
```

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(21, 56, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 56, 73) }
```

Border

The CSS property to change the border of an element to HunterLab 18.6248, -4.5502, -8.6692 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(21, 56, 73) }
```


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

```
.border{ border-color:rgb(21, 56, 73) }
```

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

Here you see how a box with a 4 pixel rgb(21, 56, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 56, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 56, 73);  
box-shadow:4px 4px 4px 4px rgb(21, 56, 73)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.6248, -4.5502, -8.6692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 56, 73) }
```

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

```
.background{ background-color: rgb(21, 56,  
73) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor