

Converting Colors

HunterLab(21.5853, 16.1255,
-17.9009)

Have a look what the booklet for
HunterLab(21.5853, 16.1255,
-17.9009) contains.

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Color

**HunterLab(21.6823, 16.1422,
-17.9546)**

Conversions

Conversions Part 1

Format	Color
Hex	503062
RGB	80, 48, 98
RGB Percent	31%, 19%, 38%
CMY	0.6863, 0.8118, 0.6157
CMYK	0.18, 0.51, 0.00, 0.62
HSL	278°, 34%, 29%
HSV	278°, 51%, 38%
XYZ	6.5698, 4.7012, 12.1164
YIQ	63.2680, 3.0220, 22.3340

Conversions

Conversions Part 2

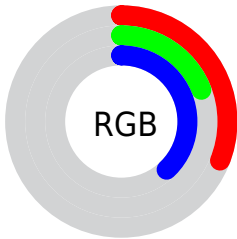
Format	Color
R_{YB}	80, 48, 98
Decimal	5255266
CIE _{Lab}	25.87, 24.74, -24.01
CIE _{LCh}	26, 34.480, 315.854
Yxy	4.7014, 0.2809, 0.2010
Android (android.graphics.Color)	4283445346 (0xFF503062)
YUV	63.2680, 17.1229, 14.6740
Hunter-Lab	21.6823, 16.1422, -17.9546

Details

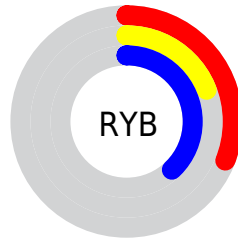
The HunterLab color $[21.6823, 16.1422, -17.9546]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[31.7917, -15.5014, 14.1032]$, and the grayscale version is $[22.3302, -1.1915, 1.2132]$.

A 20% lighter version of the original color is $[38.9611, 18.3035, -18.9418]$, and $[8.0572, 13.9948, -17.8372]$ is the 20% darker color. If you saturate the color by 10%, you get $[19.5882, 19.6897, -22.5612]$, and if you desaturate by 10%, it is $[23.9816, 12.5302, -13.5717]$.

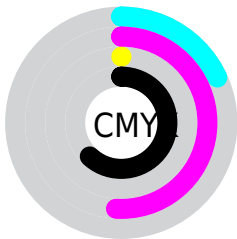
Distribution



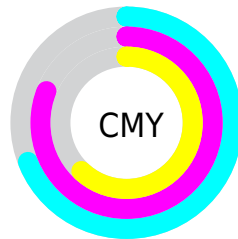
- Red (31%)
- Green (19%)
- Blue (38%)



- Red (31%)
- Yellow (19%)
- Blue (38%)



- Cyan (18%)
- Magenta (51%)
- Yellow (0%)
- Black (62%)



- Cyan (69%)
- Magenta (81%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.6823, 16.1422, -17.9546 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 21.6823, 16.1422, -17.9546 by changing the saturation by 10% instead.

21.6823, 16.1422,
-17.9546

21.6823, 16.1422,
-17.9546

121.2035, 21.5651,
-20.9081

14.3985, 14.9520,
-17.5086

38.9491, 18.0719,
-18.9734

8.0589, 14.2735,
-17.8965

48.7645, 18.8447,
-19.4265

0.0000, INF, -NF

59.2888, 19.5095,
-19.8213

0.0000, NaN, NaN

70.4773, 20.0784,
-20.1550

0.0000, NaN, NaN

82.2926, 20.5610,
-20.4284

0.0000, NaN, NaN

94.7030, 20.9654,

0.0000, NaN, NaN

0.0000, NaN, NaN

-20.6434

0.0000, NaN, NaN

107.6812, 21.2982,
-20.8024

■ 21.6823, 16.1422,
-17.9546

■ 21.6823, 16.1422,
-17.9546

■ 19.5882, 19.6897,
-22.5612

■ 23.9816, 12.5302,
-13.5717

■ 17.7366, 23.0342,
-27.2948

■ 26.4520, 8.9323,
-9.4444

■ 16.1702, 25.9554,
-31.9507

■ 29.0674, 5.3845,
-5.5645

■ 14.9242, 28.1766,
-36.2168

■ 31.8066, 1.9002,
-1.9077

■ 13.8904, 30.1362,
-40.2361

■ 34.6530, -1.5198,
1.5557

■ 37.5931, -4.8806,
4.8548

■ 40.6162, -8.1899,
8.0161

■ 43.7136, -11.4558,
11.0627

■ 46.8782, -14.6859,
14.0142

Harmonies

Analogous

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



21.6827, 4.9081, -28.3398



21.6823, 16.1422, -17.9546



21.6827, 23.3107, -4.3167

Triad

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



21.6827, 16.1418, -17.9539



21.6827, 4.2398, 13.0438



21.6827, -17.9424, -5.0455

Complementary

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



21.6823, 16.1422, -17.9546



31.7917, -15.5014, 14.1032

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.



21.6827, -18.0505, 5.5326



21.6823, 16.1422, -17.9546



21.6827, -6.6230, 12.9929

Square

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



21.6827, 16.1418, -17.9539



21.6827, 15.5694, 11.2038



21.6827, -14.3091, 11.0185



21.6827, -13.9768, -18.7101

Rectangle

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



21.6823, 16.1422, -17.9546



21.6827, 24.0576, 3.1279



21.6827, -14.3091, 11.0185



21.6827, -18.3999, -0.9667

Sweetspot

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



21.6827, 16.1418, -17.9539



40.4808, 4.5475, -4.6353



23.3365, 0.4002, -14.9714



19.4853, 2.5361, -2.5947



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



21.6827, 16.1418, -17.9539



25.4639, 26.8893, -30.9883



23.3920, 20.0864, -10.5127



16.0828, 0.5748, -0.5689



15.9521, 34.6797, -46.7555



36.1741, 79.2912, -111.0562

Inverse Universe

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



22.5922, 16.3821, 0.6811



27.1189, 27.0592, 1.5395



31.0427, -18.2807, 11.9843



16.1357, 0.5989, 0.7009



19.0099, 33.3750, 5.9276



43.7600, 76.4864, 16.2919

Previews

White Background



This preview shows how the HunterLab color 21.6823, 16.1422, -17.9546 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 21.6823, 16.1422, -17.9546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

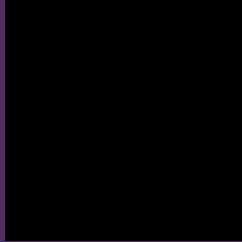
Any Text WCAG AA × Fail

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 21.6823, 16.1422, -17.9546 Background



This preview shows how black text looks on a background with the HunterLab color 21.6823, 16.1422, -17.9546.



This preview shows how white text looks on a background with the HunterLab color 21.6823, 16.1422, -17.9546.

-17.9546.

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

21.6823, 16.1422, -17.9546

Protanopia

21.8339, 4.4079, -25.7568

Deuteranopia

21.9247, 0.9297, -15.7513



Tritanopia

21.7233, 4.1330, 1.4085

Trichromacy



Original Color

21.6823, 16.1422, -17.9546

Protanomaly

21.5233, 7.8255, -23.4157

Deuteranomaly

21.5421, 5.9009, -17.0802

Tritanomaly

21.6084, 7.9137, -4.3226

Monochromacy



Original Color

21.6823, 16.1422, -17.9546

Achromatopsia

22.2950, -1.1896, 1.2113

Achromatomaly

21.9388, 4.4998, -4.8810

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.6823, 16.1422, -17.9546 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(80, 48, 98)` looks like.

```
.text, #text, p{  
    color:rgb(80, 48, 98)  
}
```

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(80, 48, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 48, 98) }
```

Border

The CSS property to change the border of an element to HunterLab 21.6823, 16.1422, -17.9546 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(80, 48, 98) }
```


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

```
.border{ border-color:rgb(80, 48, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 48, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 48, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 48, 98);  
box-shadow:4px 4px 4px 4px rgb(80, 48, 98)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.6823, 16.1422, -17.9546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 48, 98) }
```

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

```
.background{ background-color: rgb(80, 48,  
98) }
```

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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