

Converting Colors

HunterLab(65.4579, -16.5564,
21.2131)

Have a look what the booklet for
HunterLab(65.4579, -16.5564,
21.2131) contains.

HunterLab(65.5236, -16.5940, 21.2918)	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(65.5236,
-16.5940, 21.2918)**

Conversions

Conversions Part 1

Format	Color
Hex	A4B681
RGB	164, 182, 129
RGB Percent	64%, 71%, 51%
CMY	0.3569, 0.2863, 0.4941
CMYK	0.10, 0.00, 0.29, 0.29
HSL	80°, 27%, 61%
HSV	80°, 29%, 71%
XYZ	36.0003, 42.9334, 27.1584
YIQ	170.5760, 6.2850, -20.2990

Conversions

Conversions Part 2

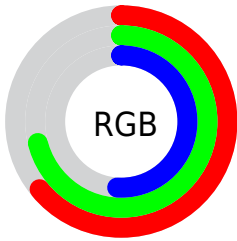
Format	Color
R_{YB}	129, 182, 147
Decimal	10794625
CIE _{Lab}	71.51, -15.43, 24.98
CIE _{LCh}	72, 29.367, 121.707
Yxy	42.9353, 0.3393, 0.4047
Android (android.graphics.Color)	4288984705 (0xFFA4B681)
YUV	170.5760, -20.4970, -5.7672
Hunter-Lab	65.5236, -16.5940, 21.2918

Details

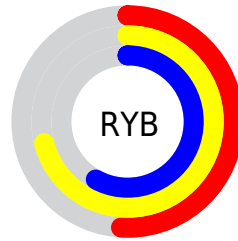
The HunterLab color $65.5236, -16.5940, 21.2918$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $50.2813, 12.5730, -20.9847$, and the grayscale version is $63.7214, -3.4000, 3.4621$.

A 20% lighter version of the original color is $89.2113, -19.5976, 25.2159$, and $44.3957, -13.5885, 17.2397$ is the 20% darker color. If you saturate the color by 10%, you get $64.6929, -20.3603, 25.7766$, and if you desaturate by 10%, it is $66.4358, -12.4757, 16.0099$.

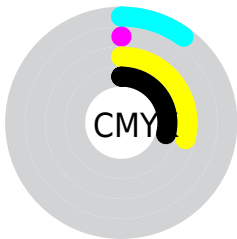
Distribution



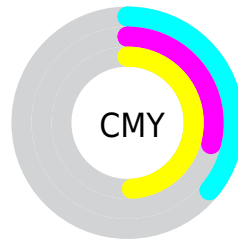
- Red (64%)
- Green (71%)
- Blue (51%)



- Red (51%)
- Yellow (71%)
- Blue (58%)



- Cyan (10%)
- Magenta (0%)
- Yellow (29%)
- Black (29%)



- Cyan (36%)
- Magenta (29%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.5236, -16.5940, 21.2918 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 65.5236, -16.5940, 21.2918 by changing the saturation by 10% instead.

■ 65.5236, -16.5940,
21.2918

■ 65.5236, -16.5940,
21.2918

189.3002,
-29.1574, 37.8553

■ 54.6208, -15.1765,
19.2826

■ 89.2262, -19.3934,
25.1497

■ 44.3992, -13.7332,
17.1952

■ 101.9603,
-20.7826, 27.0208

■ 34.9092, -12.2530,
15.0034

■ 115.2483,
-22.1702, 28.8650

■ 26.2123, -10.7165,
12.6678

129.0682,
-23.5587, 30.6882

■ 18.3887, -9.0910,
10.1436

143.4002,
-24.9503, 32.4953

■ 11.5498, -7.3160,
8.0848

158.2266,

■ 4.0900, -7.1575,

-26.3465, 34.2901

2.8630

173.5314,
-27.7485, 36.0760

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.5236, -16.5940,
21.2918

■ 65.5236, -16.5940,
21.2918

■ 64.6929, -20.3603,
25.7766

■ 66.4358, -12.4757,
16.0099

■ 63.9385, -23.7629,
29.4653

■ 67.4253, -8.0111,
9.9354

■ 63.2602, -26.8012,
32.3730

■ 68.4935, -3.2154,
3.0836

■ 62.6558, -29.4787,
34.5275

■ 69.6398, 1.8955,
-4.5241

■ 62.1220, -31.8057,

■ 70.8630, 7.3040,

35.9724

-12.8611

■ 61.6542, -33.8017,
36.7718

■ 72.1619, 12.9913,
-21.8966

■ 61.2424, -35.5198,
37.0710

■ 73.4731, 18.6190,
-30.7451

■ 61.2077, -35.6646,
37.0915

■ 74.0895, 20.5665,
-29.6960

■ 74.7244, 22.5572,
-28.6266

Harmonies

Analogous

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



65.5250, -4.2716, 23.7639



65.5236, -16.5940, 21.2918



65.5250, -24.8314, 14.2270

Triad

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



65.5250, -16.5957, 21.2925



65.5250, -15.3580, -22.1229



65.5250, 24.5259, 4.2983

Complementary

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



65.5236, -16.5940, 21.2918



50.2813, 12.5730, -20.9847

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.



65.5250, 20.9666, -9.2537



65.5236, -16.5940, 21.2918



65.5250, -2.7244, -26.2369

Square

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



65.5250, -16.5957, 21.2925



65.5250, -24.1586, -10.7883



65.5250, 10.7130, -21.1181



65.5250, 20.0853, 15.2657

Rectangle

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



65.5236, -16.5940, 21.2918



65.5250, -27.2647, 7.0301



65.5250, 10.7130, -21.1181



65.5250, 24.2241, -0.0967

Sweetspot

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



65.5250, -16.5957, 21.2925



90.7797, -10.8055, 13.4041



56.8290, 6.2042, 13.4575



42.5694, -5.5022, 6.8891



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



65.5250, -16.5957, 21.2925



87.4884, -25.6802, 32.6984



63.5862, -23.8438, 19.3978



32.1660, -3.8720, 4.8097



51.4712, -29.8231, 31.1942



9.8314, -4.9357, 5.9717

Inverse Universe

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



50.2813, 12.5730, -20.9847



62.6657, 22.1048, -36.9123



52.8983, 20.6925, -16.6482



29.7721, 0.6656, -1.7158



17.7131, 43.7989, -92.9298



3.8153, 8.7375, -14.6174

Previews

White Background



This preview shows how the HunterLab color 65.5236, -16.5940, 21.2918 looks on a white background.

Color Contrast Check

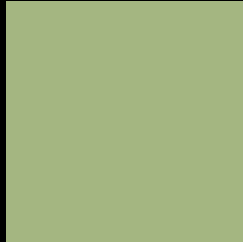
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 65.5236, -16.5940, 21.2918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

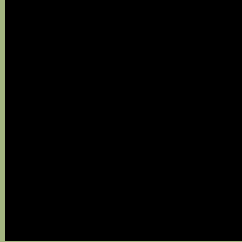
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

HunterLab 65.5236, -16.5940, 21.2918 Background



This preview shows how black text looks on a background with the HunterLab color 65.5236, -16.5940, 21.2918.



This preview shows how white text looks on a background with the HunterLab color 65.5236,

-16.5940, 21.2918.

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

65.5236, -16.5940, 21.2918

Protanopia

65.4658, -5.9506, 22.3589

Deuteranopia

65.4164, 4.5491, 20.6035



Tritanopia

65.3250, -1.6681, -2.9578

Trichromacy



Original Color

65.5236, -16.5940, 21.2918

Protanomaly

65.5414, -10.2755, 22.0429

Deuteranomaly

65.2704, -3.3930, 20.6546

Tritanomaly

65.3218, -7.5784, 6.9349

Monochromacy



Original Color

65.5236, -16.5940, 21.2918

Achromatopsia

63.8154, -3.4050, 3.4672

Achromatomaly

64.3312, -8.5861, 10.5025

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.5236, -16.5940, 21.2918 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(164, 182, 129)` looks like.

```
.text, #text, p{  
    color:rgb(164, 182, 129)  
}
```

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(164, 182, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 182, 129) }
```

Border

The CSS property to change the border of an element to HunterLab 65.5236, -16.5940, 21.2918 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(164, 182, 129) }
```


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

```
.border{ border-color:rgb(164, 182, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 182, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 182, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 182, 129);  
box-shadow:4px 4px 4px 4px rgb(164, 182,  
129) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.5236, -16.5940, 21.2918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 182, 129) }
```

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

```
.background{ background-color: rgb(164,  
182, 129) }
```

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