

Converting Colors

HunterLab(21.6001, 32.3210,
-26.6167)

Have a look what the booklet for
HunterLab(21.6001, 32.3210,
-26.6167) contains.

HunterLab(21.6001, 32.3210, -26.6167)	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(21.6001, 32.3210,
-26.6167)**

Conversions

Conversions Part 1

Format	Color
Hex	641C6E
RGB	100, 28, 110
RGB Percent	39%, 11%, 43%
CMY	0.6078, 0.8902, 0.5686
CMYK	0.09, 0.75, 0.00, 0.57
HSL	293°, 59%, 27%
HSV	293°, 75%, 43%
XYZ	8.4853, 4.6656, 15.2052
YIQ	58.8760, 16.5900, 40.7660

Conversions

Conversions Part 2

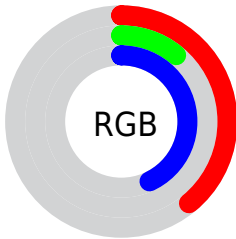
Format	Color
R_{YB}	100, 28, 110
Decimal	6560878
CIE _{Lab}	25.76, 43.47, -31.76
CIE _{LCh}	26, 53.833, 323.843
Yxy	4.6658, 0.2992, 0.1645
Android (android.graphics.Color)	4284750958 (0xFF641C6E)
YUV	58.8760, 25.2041, 36.0657
Hunter-Lab	21.6001, 32.3210, -26.6167

Details

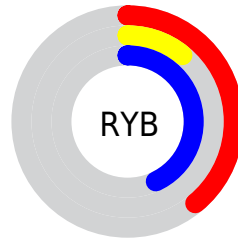
The HunterLab color $[21.6001, 32.3210, -26.6167]$ is a dark color, and the websafe version is hex 660066 . A complement of this color would be $[34.1291, -25.2851, 18.6786]$, and the grayscale version is $[20.7832, -1.1089, 1.1292]$.

A 20% lighter version of the original color is $[38.8822, 35.3734, -27.5452]$, and $[10.1287, 20.7794, -20.0725]$ is the 20% darker color. If you saturate the color by 10%, you get $[20.3968, 35.3970, -29.6932]$, and if you desaturate by 10%, it is $[23.1594, 28.4174, -22.9981]$.

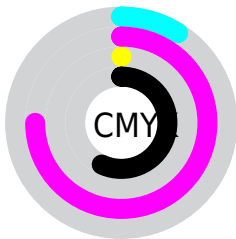
Distribution



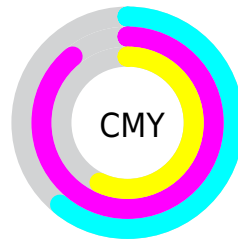
- Red (39%)
- Green (11%)
- Blue (43%)



- Red (39%)
- Yellow (11%)
- Blue (43%)



- Cyan (9%)
- Magenta (75%)
- Yellow (0%)
- Black (57%)



- Cyan (61%)
- Magenta (89%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.6001, 32.3210, -26.6167 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 21.6001, 32.3210, -26.6167 by changing the saturation by 10% instead.

21.6001, 32.3210, -26.6167	21.6001, 32.3210, -26.6167
121.0576, 44.3908, -30.9863	14.3268, 30.5152, -26.4529
38.8492, 35.7679, -27.6868	7.9859, 29.9776, -28.0109
48.6568, 37.3208, -28.2837	0.0000, INF, -NF
59.1739, 38.7553, -28.8552	0.0000, NaN, -NF
70.3555, 40.0774, -29.3844	0.0000, NaN, NaN
82.1643, 41.2948, -29.8641	0.0000, NaN, NaN
94.5686, 42.4149,	0.0000, NaN, NaN

-30.2911

0.0000, NaN, NaN

107.5410, 43.4448,
-30.6649

21.6001, 32.3210,
-26.6167

21.6001, 32.3210,
-26.6167

20.3968, 35.3970,
-29.6932

23.1594, 28.4174,
-22.9981

19.5321, 37.4983,
-32.0878

25.0443, 23.9719,
-19.0720

19.0906, 38.5902,
-33.3763

27.2180, 19.2307,
-15.0265

29.6420, 14.3728,
-10.9901

32.2809, 9.5117,
-7.0369

■ 35.1042, 4.7108,
-3.2021

■ 38.0864, 0.0001,
0.5039

■ 41.2063, -4.6109,
4.0844

■ 44.4466, -9.1239,
7.5496

Harmonies

Analogous

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



21.6006, 13.8091, -51.4569



21.6001, 32.3210, -26.6167



21.6006, 42.2205, -2.4551

Triad

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



21.6006, 32.3202, -26.6157



21.6006, 2.4871, 15.1204



21.6006, -23.7513, -15.6741

Complementary

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



21.6001, 32.3210, -26.6167



34.1291, -25.2851, 18.6786

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.



21.6006, -25.0873, 4.2686



21.6001, 32.3210, -26.6167



21.6006, -12.9029, 15.1204

Square

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



21.6006, 32.3202, -26.6157



21.6006, 21.8699, 14.9381



21.6006, -21.8068, 12.6922



21.6006, -17.3313, -42.3910

Rectangle

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



21.6001, 32.3210, -26.6167



21.6006, 40.9393, 7.4005



21.6006, -21.8068, 12.6922



21.6006, -24.7057, -7.7265

Sweetspot

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



21.6006, 32.3202, -26.6157



43.4928, 11.3525, -8.3182



16.7916, 13.3157, -41.5083



20.6435, 6.0680, -4.4884



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



21.6006, 32.3202, -26.6157



26.2189, 48.8930, -41.5732



21.7345, 30.0592, -6.7499



18.5307, 1.0579, -0.5748



20.9043, 42.2687, -36.6418



46.3868, 93.9620, -82.6070

Inverse Universe

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



20.7018, 25.8162, 7.9559



25.0675, 39.6166, 13.0401



34.2127, -24.2875, 13.7035



18.4595, 0.5688, 1.2603



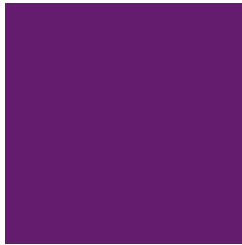
20.0393, 34.4847, 11.6569



44.6457, 76.6690, 27.2070

Previews

White Background



This preview shows how the HunterLab color 21.6001, 32.3210, -26.6167 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 21.6001, 32.3210, -26.6167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

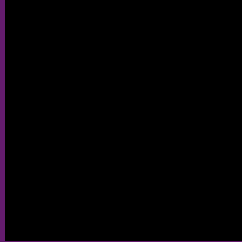
Any Text WCAG AA × Fail

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 21.6001, 32.3210, -26.6167 Background



This preview shows how black text looks on a background with the HunterLab color 21.6001, 32.3210, -26.6167.



This preview shows how white text looks on a background with the HunterLab color 21.6001, 32.3210,

-26.6167.

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

21.6001, 32.3210, -26.6167

Protanopia

21.8866, 6.6537, -41.7198

Deuteranopia

22.1237, 1.1077, -21.4464



Tritanopia

21.8651, 12.8010, 4.5641

Trichromacy



Original Color

21.6001, 32.3210, -26.6167

Protanomaly

19.6709, 13.0862, -42.1722

Deuteranomaly

20.5459, 11.7152, -26.4835

Tritanomaly

21.3707, 19.8398, -4.4580

Monochromacy



Original Color

21.6001, 32.3210, -26.6167

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

20.2973, 10.7036, -8.3598

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.6001, 32.3210, -26.6167 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(100, 28, 110)` looks like.

```
.text, #text, p{  
    color:rgb(100, 28, 110)  
}
```

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(100, 28, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 28, 110) }
```

Border

The CSS property to change the border of an element to HunterLab 21.6001, 32.3210, -26.6167 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(100, 28, 110) }
```


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

```
.border{ border-color:rgb(100, 28, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 28, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 28, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 28, 110);  
box-shadow:4px 4px 4px 4px rgb(100, 28,  
110) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.6001, 32.3210, -26.6167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 28, 110) }
```

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

```
.background{ background-color: rgb(100, 28,  
110) }
```

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