

Converting Colors

HunterLab(21.5197, 16.9492,
15.0097)

Have a look what the booklet for
HunterLab(21.5197, 16.9492,
15.0097) contains.

HunterLab(21.5851, 17.2490, 13.6026)	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(21.5851, 17.2490,
13.6026)**

Conversions

Conversions Part 1

Format	Color
Hex	692A00
RGB	105, 42, 0
RGB Percent	41%, 16%, 0%
CMY	0.5882, 0.8353, 1.0000
CMYK	0.00, 0.60, 1.00, 0.59
HSL	24°, 100%, 21%
HSV	24°, 100%, 41%
XYZ	6.6536, 4.6592, 0.5486
YIQ	56.0490, 51.0300, 0.2940

Conversions

Conversions Part 2

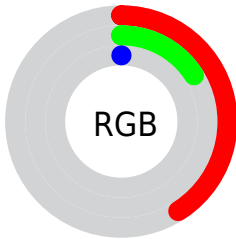
Format	Color
RYB	105, 70, 0
Decimal	6892032
CIELab	25.74, 26.15, 36.53
CIELCh	26, 44.927, 54.407
Yxy	4.6594, 0.5609, 0.3928
Android (android.graphics.Color)	4285082112 (0xFF692A00)
YUV	56.0490, -27.6322, 42.9300
Hunter-Lab	21.5851, 17.2490, 13.6026

Details

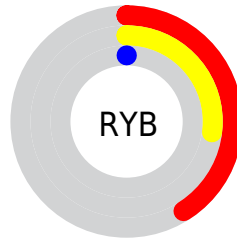
The HunterLab color **21.5851, 17.2490, 13.6026** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **21.3883, -1.3166, -23.8910**, and the grayscale version is **19.9825, -1.0662, 1.0857**.

A 20% lighter version of the original color is **38.7703, 19.5631, 20.1199**, and **8.3893, 14.3670, 5.4210** is the 20% darker color. If you saturate the color by 10%, you get **21.5856, 17.2475, 13.6029**, and if you desaturate by 10%, it is **22.7268, 14.8351, 13.4768**.

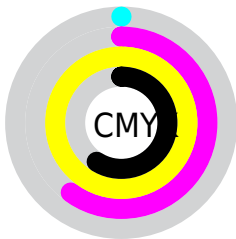
Distribution



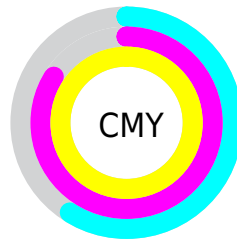
- Red (41%)
- Green (16%)
- Blue (0%)



- Red (41%)
- Yellow (27%)
- Blue (0%)



- Cyan (0%)
- Magenta (60%)
- Yellow (100%)
- Black (59%)



- Cyan (59%)
- Magenta (84%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.5851, 17.2490, 13.6026 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 21.5851, 17.2490, 13.6026 by changing the saturation by 10% instead.

■ 21.5851, 17.2490,
13.6026

■ 21.5851, 17.2490,
13.6026

■ 121.0312, 23.2283,
38.5507

■ 14.3138, 15.9899,
10.0197

■ 38.8311, 19.3158,
20.0790

■ 7.9726, 15.3643,
5.5808

■ 48.6373, 20.1551,
23.0607

0.0000, INF, NaN

0.0000, NaN, NaN

■ 59.1531, 20.8841,
25.8842

0.0000, NaN, NaN

■ 70.3335, 21.5147,
28.5828

0.0000, NaN, NaN

■ 82.1411, 22.0570,
31.1818


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 94.5443, 22.5189,


33.7002


0.0000, NaN, NaN


 107.5156, 22.9074,
36.1526


 21.5851, 17.2490,
13.6026

 21.5851, 17.2490,
13.6026

 21.5856, 17.2475,
13.6029

 22.7268, 14.8351,
13.4768

 23.9837, 12.4217,
13.2421

 25.3613, 10.1166,
12.6924

 26.8492, 7.9467,
11.8461

 28.4377, 5.9255,
10.7294

■ 30.1172, 4.0566,
9.3710

■ 31.8790, 2.3369,
7.7988

■ 33.7154, 0.7597,
6.0385

■ 35.6194, -0.6845,
4.1129

Harmonies

Analogous

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



21.5857, 29.9408, 9.4164



21.5851, 17.2490, 13.6026



21.5857, 1.5862, 15.1100

Triad

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



21.5857, 17.2472, 13.6029



21.5857, -22.2332, 3.5667



21.5857, 11.3935, -38.6598

Complementary

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



21.5851, 17.2490, 13.6026



21.3883, -1.3166, -23.8910

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.



21.5857, -3.7619, -44.2770



21.5851, 17.2490, 13.6026



21.5857, -20.8852, -12.6301

Square

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



21.5857, 17.2472, 13.6029



21.5857, -19.2384, 11.5138



21.5857, -14.9119, -32.6427



21.5857, 25.9924, -20.2012

Rectangle

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



21.5851, 17.2490, 13.6026



21.5857, -7.5637, 14.9433



21.5857, -14.9119, -32.6427



21.5857, 6.1060, -42.4649

Sweetspot

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



21.5857, 17.2472, 13.6029



42.4509, 3.3185, 10.6283



18.3361, 33.3580, -3.3234



20.1952, 1.9370, 5.4638



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



21.5857, 17.2472, 13.6029



28.4923, 24.0753, 17.9783



33.3133, -5.3971, 20.4330



18.1577, -0.4178, 1.9816



24.1447, 19.7732, 15.2240



53.0079, 48.4907, 33.5121

Inverse Universe

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



21.3883, -1.3166, -23.8910



28.2031, -1.0666, -32.9490



11.1713, 23.0141, -63.6436



18.1624, -1.4627, -0.0470



23.9144, -1.2279, -27.2403



52.3528, -0.0202, -65.3928

Previews

White Background



This preview shows how the HunterLab color 21.5851, 17.2490, 13.6026 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

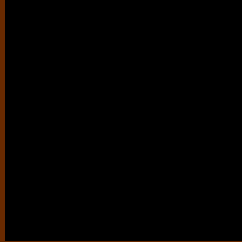
Any Text WCAG AA × Fail

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 21.5851, 17.2490, 13.6026 Background



This preview shows how black text looks on a background with the HunterLab color 21.5851, 17.2490, 13.6026.



This preview shows how white text looks on a background with the HunterLab color 21.5851, 17.2490,

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

21.5851, 17.2490, 13.6026

Protanopia

21.8386, -3.0450, 12.6239

Deuteranopia

21.7891, 0.4203, 13.4337



Tritanopia

21.6225, 20.5226, 7.9306

Trichromacy



Original Color

21.5851, 17.2490, 13.6026

Protanomaly

21.4115, 3.9324, 12.7854

Deuteranomaly

21.4963, 6.3715, 13.3575

Tritanomaly

21.5785, 19.2249, 10.9479

Monochromacy



Original Color

21.5851, 17.2490, 13.6026

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

19.8768, 4.0672, 7.3406

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.5851, 17.2490, 13.6026 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(105, 42, 0)` looks like.

```
.text, #text, p{  
    color:rgb(105, 42, 0)  
}
```

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(105, 42, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 42, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 21.5851, 17.2490, 13.6026 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(105, 42, 0) }
```


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

```
.border{ border-color:rgb(105, 42, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 42, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 42, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 42, 0);  
box-shadow:4px 4px 4px 4px rgb(105, 42, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.5851, 17.2490, 13.6026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 42, 0) }
```

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

```
.background{ background-color: rgb(105, 42,  
0) }
```

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