

Converting Colors

HunterLab(21.6754, 14.9065,
13.6173)

Have a look what the booklet for
HunterLab(21.6754, 14.9065,
13.6173) contains.

HunterLab(21.6831, 14.8881, 13.6216)	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(21.6831, 14.8881,
13.6216)**

Conversions

Conversions Part 1

Format	Color
Hex	662D00
RGB	102, 45, 0
RGB Percent	40%, 18%, 0%
CMY	0.6000, 0.8235, 1.0000
CMYK	0.00, 0.56, 1.00, 0.60
HSL	26°, 100%, 20%
HSV	26°, 100%, 40%
XYZ	6.4179, 4.7016, 0.5693
YIQ	56.9130, 48.4170, -1.9110

Conversions

Conversions Part 2

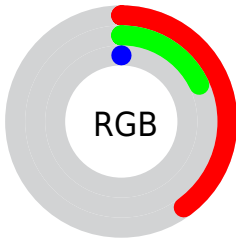
Format	Color
RYB	102, 81, 0
Decimal	6696192
CIELab	25.87, 23.14, 36.46
CIElCh	26, 43.181, 57.594
Yxy	4.7018, 0.5491, 0.4022
Android (android.graphics.Color)	4284886272 (0xFF662D00)
YUV	56.9130, -28.0581, 39.5413
Hunter-Lab	21.6831, 14.8881, 13.6216

Details

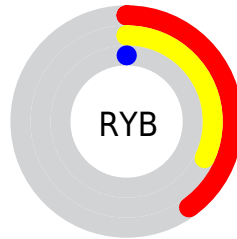
The HunterLab color **21.6831, 14.8881, 13.6216** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **19.7113, 0.4720, -25.6561**, and the grayscale version is **20.2796, -1.0821, 1.1018**.

A 20% lighter version of the original color is **38.9060, 16.6140, 20.0032**, and **8.0628, 13.1158, 5.1979** is the 20% darker color. If you saturate the color by 10%, you get **21.6835, 14.8869, 13.6219**, and if you desaturate by 10%, it is **22.7793, 12.6871, 13.4961**.

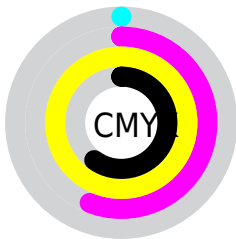
Distribution



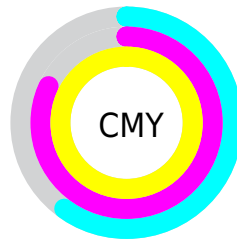
- Red (40%)
- Green (18%)
- Blue (0%)



- Red (40%)
- Yellow (32%)
- Blue (0%)



- Cyan (0%)
- Magenta (56%)
- Yellow (100%)
- Black (60%)



- Cyan (60%)
- Magenta (82%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.6831, 14.8881, 13.6216 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 21.6831, 14.8881, 13.6216 by changing the saturation by 10% instead.

■ 21.6831, 14.8881,
13.6216

■ 21.6831, 14.8881,
13.6216

■ 121.2052, 19.6790,
38.5243

■ 14.3993, 13.7748,
10.0795

■ 38.9502, 16.6592,
20.0941

■ 8.0598, 13.1435,
5.6419

■ 48.7657, 17.3568,
23.0679

0.0000, INF, NaN

0.0000, NaN, NaN

■ 59.2902, 17.9492,
25.8843

0.0000, NaN, NaN

■ 70.4787, 18.4483,
28.5766

0.0000, NaN, NaN

■ 82.2941, 18.8636,
31.1699

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.7045, 19.2030,

33.6831

0.0000, NaN, NaN

■ 107.6828, 19.4730,
36.1307

■ 21.6831, 14.8881,
13.6216

■ 21.6831, 14.8881,
13.6216

■ 21.6835, 14.8869,
13.6219

■ 22.7793, 12.6871,
13.4961

■ 23.9673, 10.5121,
13.2685

■ 25.2548, 8.4589,
12.7308

■ 26.6344, 6.5454,
11.8969

■ 28.0983, 4.7796,
10.7885

■ 29.6395, 3.1619,
9.4306

■ 31.2513, 1.6883,
7.8480

■ 32.9274, 0.3519,
6.0647

■ 34.6624, -0.8562,
4.1022

Harmonies

Analogous

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



21.6837, 27.5594, 9.8900



21.6831, 14.8881, 13.6216



21.6837, -0.0384, 14.9001

Triad

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



21.6837, 14.8864, 13.6218



21.6837, -21.7375, 2.2086



21.6837, 12.4797, -34.9716

Complementary

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



21.6831, 14.8881, 13.6216



19.7113, 0.4720, -25.6561

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.



21.6837, -2.2557, -41.9072



21.6831, 14.8881, 13.6216



21.6837, -19.9498, -13.9776

Square

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



21.6837, 14.8864, 13.6218



21.6837, -19.2527, 10.7883



21.6837, -13.5732, -32.5427



21.6837, 25.9442, -17.0593

Rectangle

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



21.6831, 14.8881, 13.6216



21.6837, -8.5769, 14.5212



21.6837, -13.5732, -32.5427



21.6837, 7.4153, -39.0146

Sweetspot

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



21.6837, 14.8864, 13.6218



41.1986, 2.3969, 10.5850



17.6869, 32.0045, -1.8710



19.7022, 1.4357, 5.4511



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



21.6837, 14.8864, 13.6218



28.3394, 20.6261, 17.8237



33.2344, -6.6544, 20.3623



17.3968, -0.4886, 1.9373



24.4197, 17.2419, 15.3491



54.2330, 43.1617, 34.1738

Inverse Universe

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



19.7113, 0.4720, -25.6561



25.6766, 1.3742, -35.0601



10.5213, 23.5287, -63.9416



17.3012, -1.3100, -0.0951



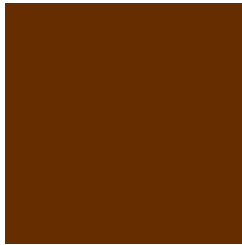
22.1644, 0.8386, -29.5139



48.8434, 5.0837, -72.0243

Previews

White Background



This preview shows how the HunterLab color 21.6831, 14.8881, 13.6216 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

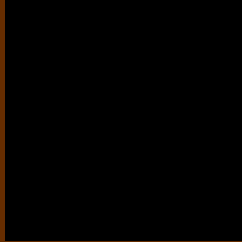
Any Text WCAG AA × Fail

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 21.6831, 14.8881, 13.6216 Background



This preview shows how black text looks on a background with the HunterLab color 21.6831, 14.8881, 13.6216.



This preview shows how white text looks on a background with the HunterLab color 21.6831, 14.8881,

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

21.6831, 14.8881, 13.6216

Protanopia

22.0885, -3.4367, 12.7799

Deuteranopia

21.8865, 0.7515, 13.4995



Tritanopia

21.7462, 18.5419, 6.9557

Trichromacy



Original Color

21.6831, 14.8881, 13.6216

Protanomaly

21.5298, 3.1694, 12.8476

Deuteranomaly

21.5976, 5.5915, 13.4062

Tritanomaly

21.6795, 17.0542, 10.4784

Monochromacy



Original Color

21.6831, 14.8881, 13.6216

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

20.2239, 2.9068, 7.6196

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.6831, 14.8881, 13.6216 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(102, 45, 0)` looks like.

```
.text, #text, p{  
    color:rgb(102, 45, 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(102, 45, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 45, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 21.6831, 14.8881, 13.6216 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(102, 45, 0) }
```


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

```
.border{ border-color:rgb(102, 45, 0) }
```

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

Here you see how a box with a 4 pixel rgb(102, 45, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 45, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 45, 0);  
box-shadow:4px 4px 4px 4px rgb(102, 45, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.6831, 14.8881, 13.6216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 45, 0) }
```

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

```
.background{ background-color: rgb(102, 45,  
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