

Converting Colors

HunterLab(42.9496, 22.4971,
22.5513)

Have a look what the booklet for
HunterLab(42.9496, 22.4971,
22.5513) contains.

HunterLab(42.8627, 22.6995, 22.4769)	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(42.8627, 22.6995,
22.4769)**

Conversions

Conversions Part 1

Format	Color
Hex	B36133
RGB	179, 97, 51
RGB Percent	70%, 38%, 20%
CMY	0.2980, 0.6196, 0.8000
CMYK	0.00, 0.46, 0.72, 0.30
HSL	22°, 56%, 45%
HSV	22°, 72%, 70%
XYZ	23.4626, 18.3721, 5.4415
YIQ	116.2740, 63.6380, 3.0780

Conversions

Conversions Part 2

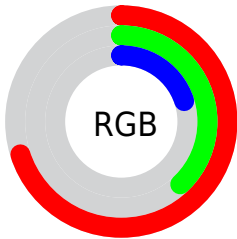
Format	Color
RYB	179, 123, 51
Decimal	11755827
CIELab	49.95, 29.41, 40.03
CIElCh	50, 49.670, 53.697
Yxy	18.3731, 0.4963, 0.3886
Android (android.graphics.Color)	4289945907 (0xFFB36133)
YUV	116.2740, -32.1801, 55.0107
Hunter-Lab	42.8627, 22.6995, 22.4769

Details

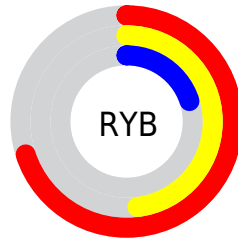
The HunterLab color **42.8627, 22.6995, 22.4769** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **45.5327, -9.5534, -27.6434**, and the grayscale version is **42.0005, -2.2410, 2.2820**.

A 20% lighter version of the original color is **63.8330, 24.1848, 28.7927**, and **25.0363, 20.3528, 15.5795** is the 20% darker color. If you saturate the color by 10%, you get **40.3438, 27.4328, 23.2144**, and if you desaturate by 10%, it is **45.6476, 18.1653, 21.1538**.

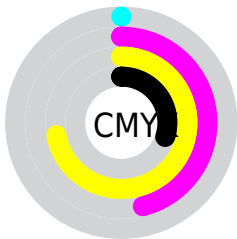
Distribution



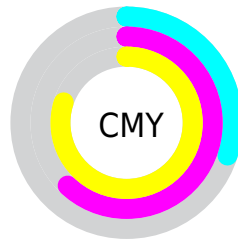
- Red (70%)
- Green (38%)
- Blue (20%)



- Red (70%)
- Yellow (48%)
- Blue (20%)



- Cyan (0%)
- Magenta (46%)
- Yellow (72%)
- Black (30%)



- Cyan (30%)
- Magenta (62%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.8627, 22.6995, 22.4769 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 42.8627, 22.6995, 22.4769 by changing the saturation by 10% instead.

■ 42.8627, 22.6995,
22.4769

■ 42.8627, 22.6995,
22.4769

155.8735, 27.9237,
47.0689

■ 33.4935, 21.6382,
19.1164

■ 63.7746, 24.4600,
28.6349

■ 24.9275, 20.4441,
15.5201

■ 75.2229, 25.1886,
31.5048

■ 17.2497, 19.1052,
12.0748

■ 87.2845, 25.8280,
34.2704

■ 10.5781, 17.6413,
7.4047

■ 99.9296, 26.3861,
36.9505

0.0000, INF, NaN

0.0000, NaN, NaN

■ 113.1324, 26.8694,
39.5598

0.0000, NaN, NaN

■ 126.8704, 27.2837,

0.0000, NaN, NaN

42.1100

0.0000, NaN, NaN

141.1235, 27.6337,
44.6104

■ 42.8627, 22.6995,
22.4769

■ 42.8627, 22.6995,
22.4769

■ 40.3438, 27.4328,
23.2144

■ 45.6476, 18.1653,
21.1538

■ 38.1130, 32.2710,
23.3352

■ 48.6689, 13.8979,
19.3001

■ 36.4531, 36.3083,
23.0979

■ 51.9028, 9.9210,
16.9810

■ 55.3264, 6.2391,
14.2597

■ 58.9193, 2.8426,
11.1931

■ 62.6637, -0.2860,
7.8304

■ 66.5444, -3.1680,
4.2131

■ 70.5478, -5.8258,
0.3755

■ 74.6627, -8.2815,
-3.6538

Harmonies

Analogous

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



42.8638, 38.5023, 14.4991



42.8627, 22.6995, 22.4769



42.8638, 1.9764, 24.9929

Triad

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



42.8638, 22.6967, 22.4774



42.8638, -33.9814, 6.1264



42.8638, 14.1336, -45.9287

Complementary

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



42.8627, 22.6995, 22.4769



45.5327, -9.5534, -27.6434

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.



42.8638, -6.3947, -51.6297



42.8627, 22.6995, 22.4769



42.8638, -31.9100, -14.9508

Square

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



42.8638, 22.6967, 22.4774



42.8638, -28.8891, 18.7295



42.8638, -22.6054, -38.3898



42.8638, 32.9634, -25.1694

Rectangle

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



42.8627, 22.6995, 22.4769



42.8638, -10.9483, 24.7284



42.8638, -22.6054, -38.3898



42.8638, 7.1166, -49.9704

Sweetspot

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



42.8638, 22.6967, 22.4774



78.9255, 3.7375, 14.9136



36.9841, 51.5517, -12.5827



36.5225, 2.3243, 7.5666



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



42.8638, 22.6967, 22.4774



52.1676, 40.5572, 31.2627



59.0719, -7.5142, 33.1246



29.9810, -0.4424, 3.3329



30.8282, 30.0231, 19.5218



6.4191, 3.0271, 4.0084

Inverse Universe

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



45.5327, -9.5534, -27.6434



56.0341, -9.4673, -46.4571



28.9206, 21.6312, -69.2322



30.1786, -2.6513, -0.1270



33.2221, -3.7735, -33.3788



6.7301, -1.9325, -4.2404

Previews

White Background



This preview shows how the HunterLab color 42.8627, 22.6995, 22.4769 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 42.8627, 22.6995, 22.4769 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 × Fail

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

HunterLab 42.8627, 22.6995, 22.4769 Background



This preview shows how black text looks on a background with the HunterLab color 42.8627, 22.6995, 22.4769.



This preview shows how white text looks on a background with the HunterLab color 42.8627, 22.6995,

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

42.8627, 22.6995, 22.4769

Protanopia

42.9007, -4.8578, 20.8179

Deuteranopia

42.9011, 3.1974, 22.7748



Tritanopia

42.9898, 29.9134, 11.0772

Trichromacy



Original Color

42.8627, 22.6995, 22.4769

Protanomaly

42.4668, 4.5723, 21.2016

Deuteranomaly

42.6642, 10.2208, 22.5824

Tritanomaly

42.9223, 26.9564, 16.1673

Monochromacy



Original Color

42.8627, 22.6995, 22.4769

Achromatopsia

41.7908, -2.2299, 2.2706

Achromatomaly

41.4716, 5.1054, 11.1685

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.8627, 22.6995, 22.4769 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(179, 97, 51)` looks like.

```
.text, #text, p{  
    color:rgb(179, 97, 51)  
}
```

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(179, 97, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 97, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 42.8627, 22.6995, 22.4769 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(179, 97, 51) }
```


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

```
.border{ border-color:rgb(179, 97, 51) }
```

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

Here you see how a box with a 4 pixel rgb(179, 97, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 97, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 97, 51);  
box-shadow:4px 4px 4px 4px rgb(179, 97,  
51) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.8627, 22.6995, 22.4769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 97, 51) }
```

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

```
.background{ background-color: rgb(179, 97,  
51) }
```

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