

Converting Colors

HunterLab(27.7002, 13.0934,
6.9305)

Have a look what the booklet for
HunterLab(27.7002, 13.0934,
6.9305) contains.

HunterLab(27.7693, 12.8275, 6.9796)	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(27.7693, 12.8275,
6.9796)**

Conversions

Conversions Part 1

Format	Color
Hex	704240
RGB	112, 66, 64
RGB Percent	44%, 26%, 25%
CMY	0.5608, 0.7412, 0.7490
CMYK	0.00, 0.41, 0.43, 0.56
HSL	3°, 27%, 35%
HSV	3°, 43%, 44%
XYZ	9.5557, 7.7113, 5.8353
YIQ	79.5260, 28.0580, 9.1300

Conversions

Conversions Part 2

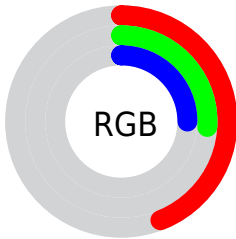
Format	Color
RYB	112, 66, 64
Decimal	7356992
CIELab	33.38, 19.67, 9.72
CIELCh	33, 21.944, 26.305
Yxy	7.7117, 0.4136, 0.3338
Android (android.graphics.Color)	4285547072 (0xFF704240)
YUV	79.5260, -7.6543, 28.4797
Hunter-Lab	27.7693, 12.8275, 6.9796

Details

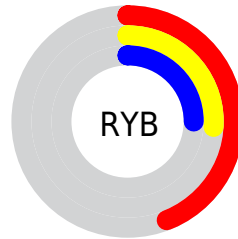
The HunterLab color **27.7693, 12.8275, 6.9796** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **36.6212, -12.3489, -2.4684**, and the grayscale version is **28.1721, -1.5032, 1.5306**.

A 20% lighter version of the original color is **46.2933, 13.7344, 9.1332**, and **12.8681, 11.0268, 4.6249** is the 20% darker color. If you saturate the color by 10%, you get **25.4128, 16.6308, 8.1482**, and if you desaturate by 10%, it is **30.3749, 9.1024, 5.8126**.

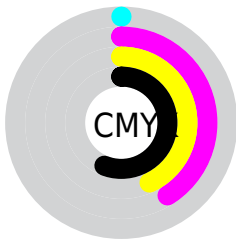
Distribution



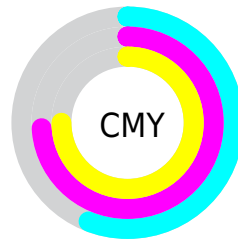
- Red (44%)
- Green (26%)
- Blue (25%)



- Red (44%)
- Yellow (26%)
- Blue (25%)



- Cyan (0%)
- Magenta (41%)
- Yellow (43%)
- Black (56%)



- Cyan (56%)
- Magenta (74%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.7693, 12.8275, 6.9796 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 27.7693, 12.8275, 6.9796 by changing the saturation by 10% instead.

■ 27.7693, 12.8275,
6.9796

■ 27.7693, 12.8275,
6.9796

■ 131.7016, 15.6421,
17.0786

■ 19.7764, 12.0150,
5.8144

■ 46.2508, 14.0568,
9.2238

■ 12.7433, 11.0430,
4.5823

■ 56.6031, 14.5120,
10.3301

■ 6.1127, 13.6966,
4.2789

■ 67.6298, 14.8777,
11.4362

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 79.2921, 15.1635,
12.5465

0.0000, NaN, NaN

■ 91.5569, 15.3770,
13.6640

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.3960, 15.5246,

14.7909

0.0000, NaN, NaN

117.7848, 15.6115,
15.9288

■ 27.7693, 12.8275,
6.9796

■ 27.7693, 12.8275,
6.9796

■ 25.4128, 16.6308,
8.1482

■ 30.3749, 9.1024,
5.8126

■ 23.3469, 20.4125,
9.2754

■ 33.1898, 5.5105,
4.6687

■ 21.6182, 23.9963,
10.2984

■ 36.1831, 2.0669,
3.5590

■ 20.2685, 27.1391,
11.1358

■ 39.3291, -1.2310,
2.4866

■ 19.3223, 29.5729,
11.7191

■ 42.6072, -4.3949,
1.4503

■ 18.8313, 30.8648,
12.1441

■ 46.0007, -7.4403,
0.4471

■ 49.4960, -10.3831,
-0.5268

■ 53.0822, -13.2383,
-1.4754

■ 56.7502, -16.0194,
-2.4024

Harmonies

Analogous

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



27.7700, 14.6078, 0.6032



27.7693, 12.8275, 6.9796



27.7700, 7.0732, 10.7491

Triad

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



27.7700, 12.8261, 6.9801



27.7700, -12.5980, 8.1553



27.7700, -2.4163, -16.1869

Complementary

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



27.7693, 12.8275, 6.9796



36.6212, -12.3489, -2.4684

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.



27.7700, -9.1146, -12.6734



27.7693, 12.8275, 6.9796



27.7700, -14.5814, 2.3903

Square

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



27.7700, 12.8261, 6.9801



27.7700, -7.6509, 11.2889



27.7700, -13.3774, -5.3604



27.7700, 5.2746, -14.0093

Rectangle

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



27.7693, 12.8275, 6.9796



27.7700, 2.0521, 11.8892



27.7700, -13.3774, -5.3604



27.7700, -4.8501, -15.6126

Sweetspot

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



27.7700, 12.8261, 6.9801



47.7611, 2.9560, 4.7873



28.7161, 20.3101, -12.6441



23.0545, 1.8436, 2.4742



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



27.7700, 12.8261, 6.9801



33.8364, 21.7799, 10.7201



33.2565, 2.0768, 11.8812



18.4981, 0.3855, 1.5545



20.2260, 33.2583, 13.0454



44.7905, 75.4196, 28.9200

Inverse Universe

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



36.6212, -12.3489, -2.4684



47.7763, -18.3603, -4.3015



29.9659, -2.4102, -11.9074



19.4744, -2.3329, 0.5294



36.8506, -18.4974, -6.1295



82.0506, -41.0457, -13.9502

Previews

White Background



This preview shows how the HunterLab color 27.7693, 12.8275, 6.9796 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 27.7693, 12.8275, 6.9796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

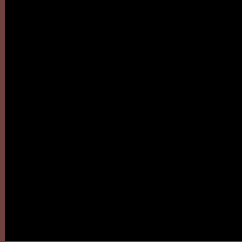
Any Text WCAG AA × Fail

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 27.7693, 12.8275, 6.9796 Background



This preview shows how black text looks on a background with the HunterLab color 27.7693, 12.8275, 6.9796.



This preview shows how white text looks on a background with the HunterLab color 27.7693, 12.8275,

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

27.7693, 12.8275, 6.9796

Protanopia

27.9786, -1.8716, 4.9286

Deuteranopia

27.9141, 1.4603, 7.5461



Tritanopia

27.6903, 13.9284, 4.8997

Trichromacy



Original Color

27.7693, 12.8275, 6.9796

Protanomaly

27.6443, 3.3198, 5.3631

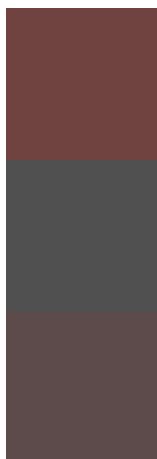
Deuteranomaly

27.6519, 5.5762, 7.0534

Tritanomaly

27.6454, 13.7073, 5.5461

Monochromacy



Original Color

27.7693, 12.8275, 6.9796

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

27.9318, 3.3029, 3.5175

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.7693, 12.8275, 6.9796 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(112, 66, 64)` looks like.

```
.text, #text, p{  
    color:rgb(112, 66, 64)  
}
```

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(112, 66, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 66, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 27.7693, 12.8275, 6.9796 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(112, 66, 64) }
```


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

```
.border{ border-color:rgb(112, 66, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 66, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 66, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 66, 64);  
box-shadow:4px 4px 4px 4px rgb(112, 66,  
64) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.7693, 12.8275, 6.9796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 66, 64) }
```

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

```
.background{ background-color: rgb(112, 66,  
64) }
```

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