

Converting Colors

HunterLab(28.8015, 21.1575,
-4.3391)

Have a look what the booklet for
HunterLab(28.8015, 21.1575,
-4.3391) contains.

HunterLab(28.7481, 21.3060, -4.2410)	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(28.7481, 21.3060,
-4.2410)**

Conversions

Conversions Part 1

Format	Color
Hex	783E5F
RGB	120, 62, 95
RGB Percent	47%, 24%, 37%
CMY	0.5294, 0.7568, 0.6274
CMYK	0.00, 0.48, 0.21, 0.53
HSL	326°, 32%, 36%
HSV	326°, 48%, 47%
XYZ	11.5339, 8.2645, 11.8138
YIQ	83.1040, 23.9750, 22.5590

Conversions

Conversions Part 2

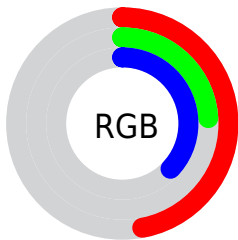
Format	Color
R_{YB}	120, 62, 95
Decimal	7880287
CIE _{Lab}	34.53, 29.75, -8.27
CIE _{LCh}	35, 30.877, 344.459
Yxy	8.2649, 0.3649, 0.2614
Android (android.graphics.Color)	4286070367 (0xFF783E5F)
YUV	83.1040, 5.8647, 32.3578
Hunter-Lab	28.7481, 21.3060, -4.2410

Details

The HunterLab color **28.7481, 21.3060, -4.2410** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **38.9171, -20.2946, 9.8871**, and the grayscale version is **29.4226, -1.5699, 1.5986**.

A 20% lighter version of the original color is **47.3412, 23.6727, -3.9635**, and **13.4203, 18.6203, -4.2419** is the 20% darker color. If you saturate the color by 10%, you get **26.4761, 25.9717, -4.8061**, and if you desaturate by 10%, it is **31.3282, 16.4169, -3.3091**.

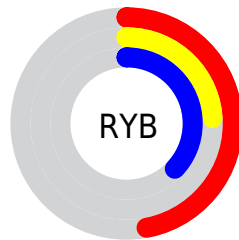
Distribution



 Red (47%)

 Green (24%)

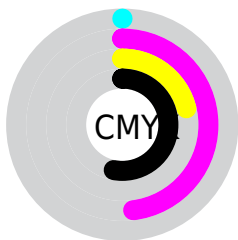
 Blue (37%)




 Red (47%)

 Yellow (24%)

 Blue (37%)

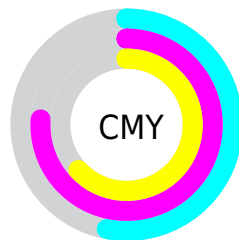


 Cyan (0%)


 Magenta (48%)

 Yellow (21%)

 Black (53%)



 Cyan (53%)

 Magenta (76%)

 Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.7481, 21.3060, -4.2410 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 28.7481, 21.3060, -4.2410 by changing the saturation by 10% instead.

■ 28.7481, 21.3060,
-4.2410

■ 28.7481, 21.3060,
-4.2410

■ 133.3400, 27.8722,
-1.8638

■ 20.6517, 20.0174,
-4.1938

■ 47.4091, 23.4662,
-4.1005

■ 13.5013, 18.5905,
-4.0545

■ 57.8414, 24.3656,
-3.9318

■ 7.0806, 19.2914,
-4.5330

■ 68.9433, 25.1606,
-3.7059

0.0000, INF, NaN

0.0000, NaN, NaN

■ 80.6766, 25.8611,
-3.4278

0.0000, NaN, NaN

■ 93.0091, 26.4758,
-3.1014

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.9128, 27.0119,

-2.7301

0.0000, NaN, NaN

119.3636, 27.4756,
-2.3168

■ 28.7481, 21.3060,
-4.2410

■ 28.7481, 21.3060,
-4.2410

■ 26.4761, 25.9717,
-4.8061

■ 31.3282, 16.4169,
-3.3091

■ 24.5559, 30.1908,
-4.9180

■ 34.1705, 11.4617,
-2.0948

■ 23.0295, 33.6742,
-4.5017

■ 37.2374, 6.5300,
-0.6647

■ 21.9222, 36.1338,
-3.5290

■ 40.4963, 1.6688,
0.9294

■ 21.1375, 37.7106,
-2.1701

■ 43.9205, -3.1023,
2.6492

■ 21.0090, 37.9810,
-1.9469

■ 47.4885, -7.7799,
4.4666

■ 51.1823, -12.3687,
6.3614

■ 54.9877, -16.8777,
8.3190

■ 58.8927, -21.3172,
10.3286

Harmonies

Analogous

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



28.7488, 14.4843, -16.3836



28.7481, 21.3060, -4.2410



28.7488, 21.4357, 6.0689

Triad

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



28.7488, 21.3046, -4.2403



28.7488, -6.5339, 14.8656



28.7488, -14.8942, -15.9714

Complementary

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



28.7481, 21.3060, -4.2410



38.9171, -20.2946, 9.8871

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.



28.7488, -18.9915, -3.8113



28.7481, 21.3060, -4.2410



28.7488, -14.6699, 12.3871

Square

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



28.7488, 21.3046, -4.2403



28.7488, 4.2363, 14.8239



28.7488, -18.9160, 6.3659



28.7488, -6.8851, -24.6782

Rectangle

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



28.7481, 21.3060, -4.2410



28.7488, 17.6462, 10.6410



28.7488, -18.9160, 6.3659



28.7488, -16.7184, -11.9896

Sweetspot

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



28.7488, 21.3046, -4.2403



51.0794, 6.0760, -0.0613



26.0541, 15.8347, -24.1053



24.4950, 3.5193, -0.2103



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



28.7488, 21.3046, -4.2403



34.8112, 35.0891, -6.4213



28.0035, 17.7748, 6.3783



20.1238, 1.0167, 0.4021



21.9369, 39.6467, -1.9409



47.7304, 85.9346, -1.6762

Inverse Universe

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



28.7488, 21.3046, -4.2403



34.8112, 35.0891, -6.4213



39.6218, -16.1445, -0.2144



20.1238, 1.0167, 0.4021



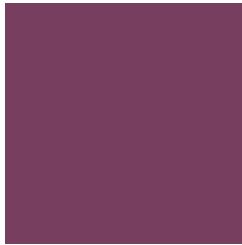
21.9369, 39.6467, -1.9409



47.7304, 85.9346, -1.6762

Previews

White Background



This preview shows how the HunterLab color 28.7481, 21.3060, -4.2410 looks on a white background.

Color Contrast Check

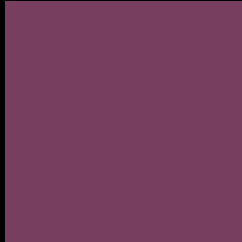
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7481, 21.3060, -4.2410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

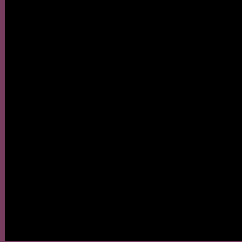
Any Text WCAG AA × Fail

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 28.7481, 21.3060, -4.2410 Background



This preview shows how black text looks on a background with the HunterLab color 28.7481, 21.3060, -4.2410.



This preview shows how white text looks on a background with the HunterLab color 28.7481, 21.3060, -4.2410.

-4.2410.

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

28.7481, 21.3060, -4.2410

Protanopia

29.0231, 1.3223, -11.0756

Deuteranopia

29.0540, 1.6645, -2.7303



Tritanopia

28.8682, 15.3205, 5.4650

Trichromacy



Original Color

28.7481, 21.3060, -4.2410

Protanomaly

28.4622, 7.9598, -9.0528

Deuteranomaly

28.5518, 8.7719, -3.7578

Tritanomaly

28.7780, 17.5329, 2.4037

Monochromacy



Original Color

28.7481, 21.3060, -4.2410

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

28.6480, 6.3187, -0.8979

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.7481, 21.3060, -4.2410 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(120, 62, 95)` looks like.

```
.text, #text, p{  
    color:rgb(120, 62, 95)  
}
```

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(120, 62, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 62, 95) }
```

Border

The CSS property to change the border of an element to HunterLab 28.7481, 21.3060, -4.2410 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(120, 62, 95) }
```


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

```
.border{ border-color:rgb(120, 62, 95) }
```

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

Here you see how a box with a 4 pixel rgb(120, 62, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 62, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 62, 95);  
box-shadow:4px 4px 4px 4px rgb(120, 62,  
95) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.7481, 21.3060, -4.2410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 62, 95) }
```

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

```
.background{ background-color: rgb(120, 62,  
95) }
```

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