

Converting Colors

HunterLab(30.5465, 15.7876,
-17.2728)

Have a look what the booklet for
HunterLab(30.5465, 15.7876,
-17.2728) contains.

HunterLab(30.5465, 15.7876, -17.2728)	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(30.5465, 15.7876,
-17.2728)**

Conversions

Conversions Part 1

Format	Color
Hex	694A7B
RGB	105, 74, 123
RGB Percent	41%, 29%, 48%
CMY	0.5882, 0.7098, 0.5176
CMYK	0.15, 0.40, 0.00, 0.52
HSL	278°, 25%, 39%
HSV	278°, 40%, 48%
XYZ	11.8496, 9.3309, 19.9154
YIQ	88.8550, 2.7470, 21.8110

Conversions

Conversions Part 2

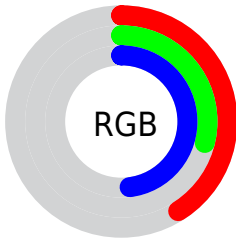
Format	Color
R_{YB}	105, 74, 123
Decimal	6900347
CIE _{Lab}	36.61, 23.00, -22.81
CIE _{LCh}	37, 32.394, 315.227
Yxy	9.3313, 0.2883, 0.2271
Android (android.graphics.Color)	4285090427 (0xFF694A7B)
YUV	88.8550, 16.8335, 14.1592
Hunter-Lab	30.5465, 15.7876, -17.2728

Details

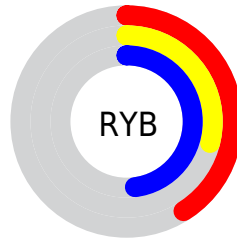
The HunterLab color $30.5465, 15.7876, -17.2728$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $41.1532, -16.7898, 15.7302$, and the grayscale version is $31.4933, -1.6804, 1.7111$.

A 20% lighter version of the original color is $49.4658, 17.4482, -18.4459$, and $14.8792, 13.6258, -16.4086$ is the 20% darker color. If you saturate the color by 10%, you get $27.5317, 20.4839, -23.0313$, and if you desaturate by 10%, it is $33.7910, 11.1119, -11.8634$.

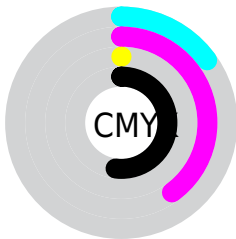
Distribution



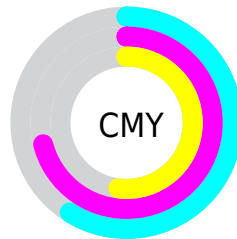
- Red (41%)
- Green (29%)
- Blue (48%)



- Red (41%)
- Yellow (29%)
- Blue (48%)



- Cyan (15%)
- Magenta (40%)
- Yellow (0%)
- Black (52%)



- Cyan (59%)
- Magenta (71%)
- Yellow (52%)
- Black (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.5465, 15.7876, -17.2728 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 30.5465, 15.7876, -17.2728 by changing the saturation by 10% instead.

30.5465, 15.7876,
-17.2728

30.5465, 15.7876,
-17.2728

136.3196, 19.6586,
-19.4193

22.2663, 14.8499,
-16.7669

49.5276, 17.2702,
-18.1625

14.9083, 13.7577,
-16.2987

60.1031, 17.8487,
-18.5185

8.5572, 12.7580,
-16.2735

71.3397, 18.3349,
-18.8121

0.0000, INF, -NF

83.2005, 18.7382,
-19.0448

0.0000, NaN, NaN

95.6542, 19.0663,
-19.2192

0.0000, NaN, NaN

108.6740, 19.3257,

0.0000, NaN, NaN

-19.3379

0.0000, NaN, NaN

122.2360, 19.5216,
-19.4037

■ 30.5465, 15.7876,
-17.2728

■ 30.5465, 15.7876,
-17.2728

■ 27.5317, 20.4839,
-23.0313

■ 33.7910, 11.1119,
-11.8634

■ 24.7898, 25.0986,
-29.1036

■ 37.2271, 6.5067,
-6.7919

■ 22.3751, 29.4385,
-35.3523

■ 40.8268, 1.9872,
-2.0214

■ 20.3462, 33.1962,
-41.4885

■ 44.5677, -2.4468,
2.4903

■ 18.7553, 35.9715,
-47.0522

■ 48.4317, -6.8033,
6.7840

■ 17.4630, 38.0303,
-52.1962

■ 52.4047, -11.0930,
10.8962

■ 17.4415, 38.0681,
-52.2873

■ 56.4752, -15.3271,
14.8583

■ 60.6337, -19.5161,
18.6967

■ 64.8724, -23.6693,
22.4331

Harmonies

Analogous

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



30.5471, 4.4230, -26.5518



30.5465, 15.7876, -17.2728



30.5471, 22.9450, -4.2294

Triad

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



30.5471, 15.7869, -17.2720



30.5471, 4.2399, 15.8488



30.5471, -20.2424, -4.4227

Complementary

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



30.5465, 15.7876, -17.2728



41.1532, -16.7898, 15.7302

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.



30.5471, -20.2763, 6.5739



30.5465, 15.7876, -17.2728



30.5471, -7.2485, 15.8302

Square

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



30.5471, 15.7869, -17.2720



30.5471, 15.6358, 13.1796



30.5471, -15.8527, 13.1134



30.5471, -15.7519, -17.4580

Rectangle

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



30.5465, 15.7876, -17.2728



30.5471, 23.7793, 3.5256



30.5471, -15.8527, 13.1134



30.5471, -20.7507, -0.3253

Sweetspot

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



30.5471, 15.7869, -17.2720



53.4306, 4.1356, -4.2405



32.6757, -0.9437, -13.8839



25.6907, 2.3034, -2.3682



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



30.5471, 15.7869, -17.2720



37.0967, 27.0001, -30.3005



32.2489, 20.1976, -10.8775



20.0185, 0.7994, -0.8103



17.7308, 38.7079, -53.2193



38.0801, 83.7443, -119.0430

Inverse Universe

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



31.4350, 16.2481, 0.5565



38.6998, 27.6565, 0.9061



40.2455, -20.1122, 13.3463



20.0926, 0.8489, 0.8464



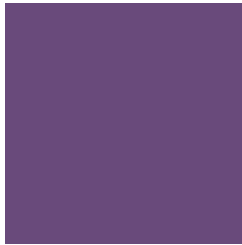
21.3370, 37.4610, 6.6499



46.4384, 81.2189, 16.8930

Previews

White Background



This preview shows how the HunterLab color 30.5465, 15.7876, -17.2728 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 30.5465, 15.7876, -17.2728 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 30.5465, 15.7876, -17.2728 Background



This preview shows how black text looks on a background with the HunterLab color 30.5465, 15.7876, -17.2728.



This preview shows how white text looks on a background with the HunterLab color 30.5465, 15.7876, -17.2728.

-17.2728.

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

30.5465, 15.7876, -17.2728

Protanopia

30.7653, 3.8276, -23.0453

Deuteranopia

30.6159, 2.4009, -16.1236



Tritanopia

30.7384, 4.4775, 1.2110

Trichromacy



Original Color

30.5465, 15.7876, -17.2728

Protanomaly

30.5104, 7.8738, -21.4214

Deuteranomaly

30.4441, 7.0730, -16.9748

Tritanomaly

30.5881, 8.4707, -4.8681

Monochromacy



Original Color

30.5465, 15.7876, -17.2728

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

31.1659, 4.1004, -4.1461

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.5465, 15.7876, -17.2728 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, 74, 123)` looks like.

```
.text, #text, p{  
    color:rgb(105, 74, 123)  
}
```

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, 74, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 74, 123) }
```

Border

The CSS property to change the border of an element to HunterLab 30.5465, 15.7876, -17.2728 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, 74, 123) }
```


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

```
.border{ border-color:rgb(105, 74, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 74, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 74, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 74, 123);  
box-shadow:4px 4px 4px 4px rgb(105, 74,  
123) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.5465, 15.7876, -17.2728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 74, 123) }
```

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

```
.background{ background-color: rgb(105, 74,  
123) }
```

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