

Converting Colors

HunterLab(27.6327, 34.8853,
-16.0997)

Have a look what the booklet for
HunterLab(27.6327, 34.8853,
-16.0997) contains.

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Color

**HunterLab(27.6781, 34.9805,
-15.7986)**

Conversions

Conversions Part 1

Format	Color
Hex	812C71
RGB	129, 44, 113
RGB Percent	51%, 17%, 44%
CMY	0.4941, 0.8274, 0.5569
CMYK	0.00, 0.66, 0.12, 0.49
HSL	311°, 49%, 34%
HSV	311°, 66%, 51%
XYZ	12.9346, 7.6608, 16.4198
YIQ	77.2810, 28.5110, 39.4790

Conversions

Conversions Part 2

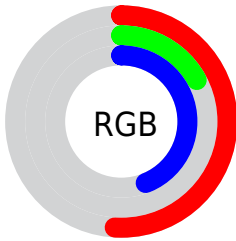
Format	Color
R_{YB}	129, 44, 113
Decimal	8465521
CIE _{Lab}	33.27, 44.83, -21.51
CIE _{LCh}	33, 49.721, 334.364
Yxy	7.6611, 0.3494, 0.2070
Android (android.graphics.Color)	4286655601 (0xFF812C71)
YUV	77.2810, 17.6095, 45.3576
Hunter-Lab	27.6781, 34.9805, -15.7986

Details

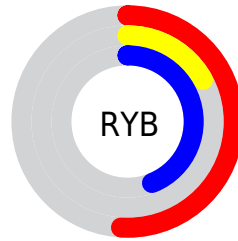
The HunterLab color $[27.6781, 34.9805, -15.7986]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[40.6971, -28.6534, 18.3468]$, and the grayscale version is $[27.2755, -1.4554, 1.4819]$.

A 20% lighter version of the original color is $[46.1223, 38.2601, -16.6700]$, and $[13.8497, 26.4737, -12.4115]$ is the 20% darker color. If you saturate the color by 10%, you get $[26.0594, 39.2769, -17.1908]$, and if you desaturate by 10%, it is $[29.7182, 29.8669, -13.7831]$.

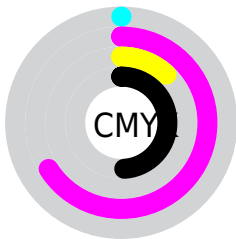
Distribution



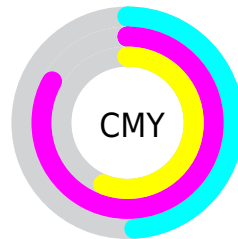
- Red (51%)
- Green (17%)
- Blue (44%)



- Red (51%)
- Yellow (17%)
- Blue (44%)



- Cyan (0%)
- Magenta (66%)
- Yellow (12%)
- Black (49%)



- Cyan (49%)
- Magenta (83%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.6781, 34.9805, -15.7986 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 27.6781, 34.9805, -15.7986 by changing the saturation by 10% instead.

27.6781, 34.9805,
-15.7986

27.6781, 34.9805,
-15.7986

131.5483, 46.7994,
-17.7706

19.6949, 33.1495,
-15.3070

46.1426, 38.3560,
-16.6593

12.6730, 31.3531,
-14.8684

56.4874, 39.8693,
-16.9981

6.0139, 36.6663,
-17.7889

67.5071, 41.2687,
-17.2727

0.0000, INF, -NF

0.0000, NaN, NaN

79.1626, 42.5610,
-17.4850

0.0000, NaN, NaN

91.4211, 43.7535,
-17.6380

0.0000, NaN, NaN

0.0000, NaN, NaN

104.2541, 44.8533,

-17.7347

0.0000, NaN, NaN

117.6371, 45.8666,
-17.7779

■ 27.6781, 34.9805,
-15.7986

■ 27.6781, 34.9805,
-15.7986

■ 26.0594, 39.2769,
-17.1908

■ 29.7182, 29.8669,
-13.7831

■ 24.8842, 42.4414,
-17.8225

■ 32.1367, 24.2597,
-11.3120

■ 24.1185, 44.3666,
-17.6914

■ 34.8878, 18.4122,
-8.5326

■ 23.8355, 45.0734,
-17.5782

■ 37.9261, 12.4991,
-5.5594

■ 41.2109, 6.6257,
-2.4723

■ 44.7077, 0.8475,
0.6764

■ 48.3875, -4.8123,
3.8547

■ 52.2265, -10.3495,
7.0438

■ 56.2054, -15.7700,
10.2338

Harmonies

Analogous

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



27.6788, 19.7090, -38.9261



27.6781, 34.9805, -15.7986



27.6788, 39.6873, 3.7894

Triad

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



27.6788, 34.9790, -15.7976



27.6788, -3.9437, 18.2101



27.6788, -23.7832, -22.7007

Complementary

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



27.6781, 34.9805, -15.7986



40.6971, -28.6534, 18.3468

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.



27.6788, -27.2871, -0.9888



27.6781, 34.9805, -15.7986



27.6788, -17.7446, 16.9086

Square

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



27.6788, 34.9790, -15.7976



27.6788, 14.2874, 17.4986



27.6788, -25.3808, 11.9346



27.6788, -14.3527, -44.3376

Rectangle

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



27.6781, 34.9805, -15.7986



27.6788, 35.4339, 11.5768



27.6788, -25.3808, 11.9346



27.6788, -25.5729, -14.8150

Sweetspot

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



27.6788, 34.9790, -15.7976



53.0969, 12.4540, -5.2144



20.8196, 21.0262, -45.9493



24.7744, 6.8009, -2.9399



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



27.6788, 34.9790, -15.7976



34.0170, 54.8741, -23.5598



26.3112, 29.1851, 3.3210



20.9737, 1.2921, -0.1615



23.5368, 44.5107, -17.3731

0.0000, NaN, NaN

Inverse Universe

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



27.6788, 34.9790, -15.7976



34.0170, 54.8741, -23.5598



41.4696, -23.9680, 7.1299



20.9737, 1.2921, -0.1615



23.5368, 44.5107, -17.3731

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 27.6781, 34.9805, -15.7986 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 27.6781, 34.9805, -15.7986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

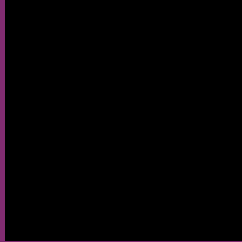
Any Text WCAG AA × Fail

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 27.6781, 34.9805, -15.7986 Background



This preview shows how black text looks on a background with the HunterLab color 27.6781, 34.9805, -15.7986.



This preview shows how white text looks on a background with the HunterLab color 27.6781, 34.9805, -15.7986.

-15.7986.

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

27.6781, 34.9805, -15.7986

Protanopia

28.0781, 6.3509, -35.7983

Deuteranopia

28.0554, 1.9911, -12.6599



Tritanopia

27.6949, 20.6425, 7.3593

Trichromacy



Original Color

27.6781, 34.9805, -15.7986

Protanomaly

26.5311, 14.9895, -31.3751

Deuteranomaly

27.0139, 13.3600, -15.4975

Tritanomaly

27.5244, 25.5200, 0.6385

Monochromacy



Original Color

27.6781, 34.9805, -15.7986

Achromatopsia

27.2422, -1.4536, 1.4801

Achromatomaly

26.4680, 11.4069, -5.1586

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.6781, 34.9805, -15.7986 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(129, 44, 113)` looks like.

```
.text, #text, p{  
  color:rgb(129, 44, 113)  
}
```

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(129, 44, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 44, 113) }
```

Border

The CSS property to change the border of an element to HunterLab 27.6781, 34.9805, -15.7986 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(129, 44, 113) }
```


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

```
.border{ border-color:rgb(129, 44, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 44, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 44, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 44, 113);  
box-shadow:4px 4px 4px 4px rgb(129, 44,  
113) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.6781, 34.9805, -15.7986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 44, 113) }
```

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

```
.background{ background-color: rgb(129, 44,  
113) }
```

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](#).

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