

Converting Colors

HunterLab(27.6245, 1.8212,
-33.7420)

Have a look what the booklet for
HunterLab(27.6245, 1.8212,
-33.7420) contains.

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Color

**HunterLab(27.6245, 1.8212,
-33.7420)**

Conversions

Conversions Part 1

Format	Color
Hex	1B4F89
RGB	27, 79, 137
RGB Percent	11%, 31%, 54%
CMY	0.8941, 0.6902, 0.4627
CMYK	0.80, 0.42, 0.00, 0.46
HSL	212°, 67%, 32%
HSV	212°, 80%, 54%
XYZ	7.7633, 7.6311, 24.7307
YIQ	70.0640, -49.6100, 7.0140

Conversions

Conversions Part 2

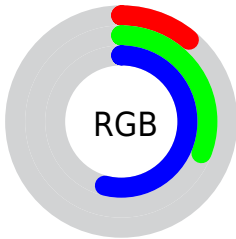
Format	Color
R_{YB}	27, 62, 137
Decimal	1789833
CIE _{Lab}	33.20, 4.86, -37.19
CIE _{LCh}	33, 37.511, 277.446
Yxy	7.6314, 0.1935, 0.1902
Android (android.graphics.Color)	4279979913 (0xFF1B4F89)
YUV	70.0640, 32.9994, -37.7671
Hunter-Lab	27.6245, 1.8212, -33.7420




Details

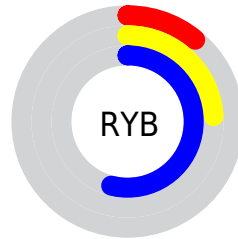
The HunterLab color **27.6245, 1.8212, -33.7420** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **34.4905, 10.8735, 19.6599**, and the grayscale version is **24.6713, -1.3164, 1.3404**.




A 20% lighter version of the original color is **46.1777, 1.3038, -34.8091**, and **13.9638, 5.6186, -29.5825** is the 20% darker color. If you saturate the color by 10%, you get **25.4951, 4.3155, -39.2536**, and if you desaturate by 10%, it is **29.9386, -0.1393, -28.4246**.

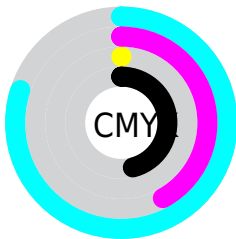
Distribution







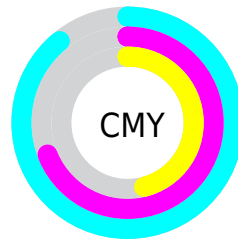
-  Red (11%)
-  Green (31%)
-  Blue (54%)






-  Red (11%)
-  Yellow (24%)
-  Blue (54%)



-  Cyan (80%)
-  Magenta (42%)
-  Yellow (0%)
-  Black (46%)



-  Cyan (89%)
-  Magenta (69%)
-  Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.6245, 1.8212, -33.7420 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 27.6245, 1.8212, -33.7420 by changing the saturation by 10% instead.

■ 27.6245, 1.8212,
-33.7420

■ 27.6245, 1.8212,
-33.7420

■ 131.4577, -1.5565,
-38.7301

■ 19.6468, 1.9109,
-33.5043

■ 46.0788, 1.4236,
-34.8842

■ 12.6315, 1.9053,
-34.0209

■ 56.4191, 1.1340,
-35.5324

■ 5.9548, 3.2391,
-42.9193

■ 67.4346, 0.7927,
-36.1677

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 79.0862, 0.4043,
-36.7709

0.0000, NaN, NaN

■ 91.3409, -0.0276,
-37.3322

0.0000, NaN, NaN

■ 104.1703, -0.5000,

0.0000, NaN, NaN

-37.8470

0.0000, NaN, NaN

117.5499, -1.0103,
-38.3131

■ 27.6245, 1.8212,
-33.7420

■ 27.6245, 1.8212,
-33.7420

■ 25.4951, 4.3155,
-39.2536

■ 29.9386, -0.1393,
-28.4246

■ 23.5777, 7.1299,
-44.8615

■ 32.4185, -1.6014,
-23.3366

■ 35.0472, -2.6143,
-18.4879

■ 37.8087, -3.2312,
-13.8728

■ 40.6887, -3.5036,
-9.4760

■ 43.6748, -3.4775,
-5.2776

■ 46.7564, -3.1936,
-1.2562

■ 49.9244, -2.6862,
2.6092

■ 53.1712, -1.9847,
6.3384

Harmonies

Analogous

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



27.6249, -10.3814, -30.4796



27.6245, 1.8212, -33.7420



27.6249, 15.3293, -24.6429

Triad

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



27.6249, 1.8217, -33.7413



27.6249, 21.1705, 12.3669



27.6249, -20.8949, 9.1255

Complementary

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



27.6245, 1.8212, -33.7420



34.4905, 10.8735, 19.6599

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.



27.6249, -15.0282, 14.4636



27.6245, 1.8212, -33.7420



27.6249, 8.7246, 15.6440

Square

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



27.6249, 1.8217, -33.7413



27.6249, 27.7608, 4.3971



27.6249, -4.6250, 16.1794



27.6249, -22.0625, -1.7411

Rectangle

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



27.6245, 1.8212, -33.7420



27.6249, 22.7660, -14.4948



27.6249, -4.6250, 16.1794



27.6249, -19.4672, 11.4447

Sweetspot

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



27.6249, 1.8217, -33.7413



56.7336, -4.7136, -9.4165



43.3153, -30.5050, 14.7213



26.2842, -2.2334, -5.2867



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



27.6249, 1.8217, -33.7413



32.0671, 8.8809, -58.4487



16.8800, 27.6664, -72.2434



22.9274, -1.5316, -0.3957



22.8077, 6.7766, -43.1364



2.5201, -0.5777, -1.9028

Inverse Universe

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



25.8210, 38.5993, -0.3991



32.2275, 56.1480, 3.8001



48.0993, -13.0611, 28.1311



22.5508, 1.1017, 0.6786



23.0420, 41.0021, 2.9366



1.9543, 3.6171, -0.8326

Previews

White Background



This preview shows how the HunterLab color 27.6245, 1.8212, -33.7420 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 27.6245, 1.8212, -33.7420 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 27.6245, 1.8212, -33.7420 Background



This preview shows how black text looks on a background with the HunterLab color 27.6245, 1.8212, -33.7420.



This preview shows how white text looks on a background with the HunterLab color 27.6245, 1.8212, -33.7420.

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

27.6245, 1.8212, -33.7420

Protanopia

27.6047, 5.3860, -31.3384

Deuteranopia

27.6245, 1.8212, -33.7420

Trichromacy



Original Color

27.6245, 1.8212, -33.7420

Protanomaly

27.5148, 3.8999, -32.3699

Deuteranomaly

27.6245, 1.8212, -33.7420

Monochromacy



Original Color

27.6245, 1.8212, -33.7420

Achromatopsia

24.7479, -1.3205, 1.3446

Achromatomaly

25.2141, -2.1847, -9.4027

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.6245, 1.8212, -33.7420 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(27, 79, 137)` looks like.

```
.text, #text, p{  
    color:rgb(27, 79, 137)  
}
```

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(27, 79, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 79, 137) }
```

Border

The CSS property to change the border of an element to HunterLab 27.6245, 1.8212, -33.7420 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(27, 79, 137) }
```

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

```
.border{ border-color:rgb(27, 79, 137) }
```

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

Here you see how a box with a 4 pixel rgb(27, 79, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 79, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 79, 137);  
box-shadow:4px 4px 4px 4px rgb(27, 79,  
137) }
```


Background

The CSS property to change the background color of an element to HunterLab 27.6245, 1.8212, -33.7420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 79, 137) }
```

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

```
.background{ background-color: rgb(27, 79,  
137) }
```

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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