

Converting Colors

HunterLab(27.4665, 45.1038,
-126.9521)

Have a look what the booklet for
HunterLab(27.4665, 45.1038,
-126.9521) contains.

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Color

**HunterLab(27.4665, 45.1038,
-126.9521)**

Conversions

Conversions Part 1	
Format	Color
Hex	1B31DB
RGB	27, 49, 219
RGB Percent	11%, 19%, 86%
CMY	0.8940, 0.8079, 0.1412
CMYK	0.88, 0.78, 0.00, 0.14
HSL	233°, 78%, 48%
HSV	233°, 88%, 86%
XYZ	14.3365, 7.5441, 67.7183
YIQ	61.8020, -67.6820, 48.2060

Conversions

Conversions Part 2

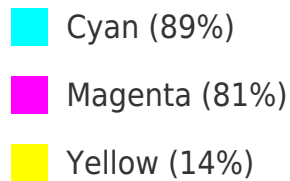
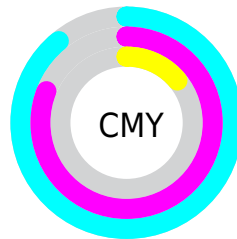
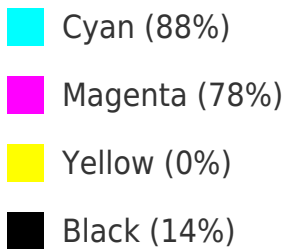
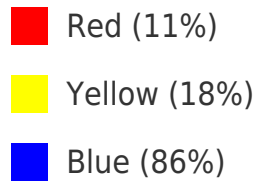
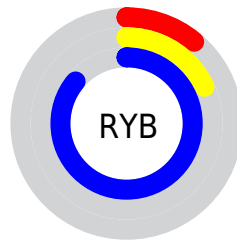
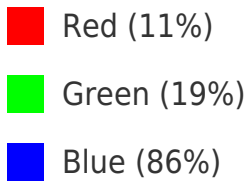
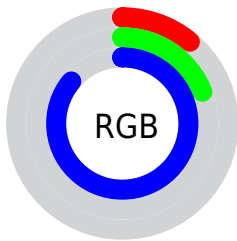
Format	Color
RYB	27, 47, 219
Decimal	1782235
CIELab	33.01, 54.89, -86.21
CIELCh	33, 102.200, 302.485
Yxy	7.5442, 0.1600, 0.0842
Android (android.graphics.Color)	4279972315 (0xFF1B31DB)
YUV	61.8020, 77.4986, -30.5214
Hunter-Lab	27.4665, 45.1038, -126.9521

Details

The HunterLab color **27.4665, 45.1038, -126.9521** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **74.2194, -11.1127, 44.7096**, and the grayscale version is **21.6385, -1.1546, 1.1757**.

A 20% lighter version of the original color is **44.1959, 41.2258, -98.9638**, and **16.2851, 43.2216, -113.6580** is the 20% darker color. If you saturate the color by 10%, you get **24.6092, 53.4378, -145.3644**, and if you desaturate by 10%, it is **31.5391, 36.1532, -105.9191**.













Distribution



Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.4665, 45.1038, -126.9521 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 27.4665, 45.1038, -126.9521 by changing the saturation by 10% instead.

 27.4665, 45.1038, -126.9521	 27.4665, 45.1038, -126.9521
 131.1913, 59.9343, -121.0588	 19.5056, 43.0899, -135.9072
 45.8910, 49.0885, -119.8122	 12.5096, 41.3353, -154.3509
 56.2182, 50.9436, -118.6359	 5.7773, 50.1013, -231.2988
 67.2213, 52.6919, -118.2396	0.0000, INF, -NF
 78.8613, 54.3340, -118.3396	0.0000, NaN, -NF
 91.1049, 55.8741, -118.7638	0.0000, NaN, -NF
 103.9238, 57.3173,	0.0000, NaN, -NF

-119.4027

0.0000, NaN, NaN

117.2932, 58.6689,
-120.1841

■ 27.4665, 45.1038,
-126.9521

■ 27.4665, 45.1038,
-126.9521

■ 24.6092, 53.4378,
-145.3644

■ 31.5391, 36.1532,
-105.9191

■ 24.1091, 55.0603,
-148.9935

■ 36.5943, 27.8770,
-85.5450

■ 42.4025, 20.7186,
-67.2181

■ 48.7874, 14.6567,
-51.1260

■ 55.6234, 9.5167,
-36.9941

■ 62.8224, 5.1083,
-24.4495

■ 70.3215, 1.2695,
-13.1508

■ 78.0753, -2.1269,
-2.8208

■ 86.0499, -5.1782,
6.7562

Harmonies

Analogous

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



27.4666, 1.5268, -171.7015



27.4665, 45.1038, -126.9521



27.4666, 87.9213, -47.9216

Triad

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



27.4666, 45.1069, -126.9519



27.4666, 37.2773, 19.2266



27.4666, -41.6377, -1.4428

Complementary

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



27.4665, 45.1038, -126.9521



74.2194, -11.1127, 44.7096

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.



27.4666, -39.3923, 17.7616



27.4665, 45.1038, -126.9521



27.4666, -4.3379, 19.2266

Square

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



27.4666, 45.1069, -126.9519



27.4666, 82.0214, 18.9198



27.4666, -29.1684, 19.2266



27.4666, -38.4009, -60.3553

Rectangle

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



27.4665, 45.1038, -126.9521



27.4666, 102.8725, -8.3197



27.4666, -29.1684, 19.2266



27.4666, -41.4986, 8.6482

Sweetspot

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



27.4666, 45.1069, -126.9519



75.9014, 5.3764, -27.0381



74.1010, -43.3984, 2.8262



33.7043, 3.2782, -14.7963

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



27.4666, 45.1069, -126.9519



28.4741, 66.1056, -178.2932



29.4008, 60.8828, -115.9666



35.8552, -0.7257, -2.1476



18.7816, 41.5390, -113.1461



5.5723, 7.8090, -23.8222

Inverse Universe

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



40.0835, 64.1639, 21.5251



46.2056, 79.3225, 28.3535



75.3654, -43.5953, 44.8597



36.1602, 1.4665, 2.5639



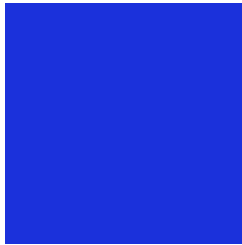
29.9664, 51.4851, 18.0713



7.6814, 13.3044, 3.8018

Previews

White Background



This preview shows how the HunterLab color 27.4665, 45.1038, -126.9521 looks on a white background.

Color Contrast Check

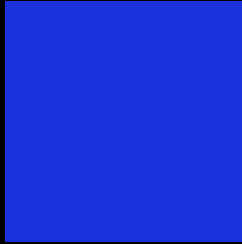
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4665, 45.1038, -126.9521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

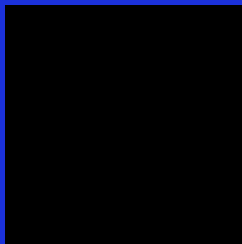
Any Text WCAG AA × Fail

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 27.4665, 45.1038, -126.9521 Background



This preview shows how black text looks on a background with the HunterLab color 27.4665, 45.1038, -126.9521.



This preview shows how white text looks on a background with the HunterLab color 27.4665, 45.1038, -126.9521.

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

27.4665, 45.1038, -126.9521

Protanopia

27.0145, 8.5552, -52.2341

Deuteranopia

26.9915, -0.7469, -32.1246



Tritanopia

27.1915, -13.6250, -4.5746

Trichromacy



Original Color
27.4665, 45.1038, -126.9521

Protanomaly
26.6454, 21.3806, -78.1045

Deuteranomaly
26.2281, 14.6248, -62.9775

Tritanomaly
25.7600, 3.5854, -38.5366

Monochromacy



Original Color
27.4665, 45.1038, -126.9521

Achromatopsia
21.9481, -1.1711, 1.1925

Achromatomaly
22.1611, 10.0255, -32.8623

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.4665, 45.1038, -126.9521 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, 49, 219)` looks like.

```
.text, #text, p{  
    color:rgb(27, 49, 219)  
}
```

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, 49, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 49, 219) }
```

Border

The CSS property to change the border of an element to HunterLab 27.4665, 45.1038, -126.9521 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, 49, 219) }
```


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

```
.border{ border-color:rgb(27, 49, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 49, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 49, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 49, 219);  
box-shadow:4px 4px 4px 4px rgb(27, 49,  
219) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.4665, 45.1038, -126.9521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 49, 219) }
```

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

```
.background{ background-color: rgb(27, 49,  
219) }
```

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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