

Converting Colors

HunterLab(29.8770, 19.8693,
-26.3891)

Have a look what the booklet for
HunterLab(29.8770, 19.8693,
-26.3891) contains.

HunterLab(29.8146, 20.2363, -26.8568)	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(29.8146, 20.2363,
-26.8568)**

Conversions

Conversions Part 1

Format	Color
Hex	674587
RGB	103, 69, 135
RGB Percent	40%, 27%, 53%
CMY	0.5961, 0.7294, 0.4706
CMYK	0.24, 0.49, 0.00, 0.47
HSL	271°, 32%, 40%
HSV	271°, 49%, 53%
XYZ	12.0948, 8.8891, 24.0000
YIQ	86.6900, -0.9220, 27.7340

Conversions

Conversions Part 2

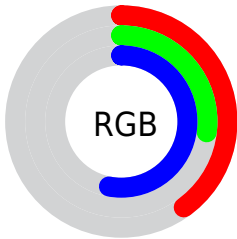
Format	Color
R_{YB}	103, 69, 135
Decimal	6768007
CIE _{Lab}	35.77, 28.35, -31.55
CIE _{LCh}	36, 42.416, 311.934
Yxy	8.8895, 0.2689, 0.1976
Android (android.graphics.Color)	4284958087 (0xFF674587)
YUV	86.6900, 23.8168, 14.3039
Hunter-Lab	29.8146, 20.2363, -26.8568

Details

The HunterLab color $29.8146, 20.2363, -26.8568$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $45.3040, -19.7668, 20.2013$, and the grayscale version is $30.6747, -1.6367, 1.6666$.

A 20% lighter version of the original color is $48.6815, 22.5128, -28.2440$, and $14.3737, 17.4978, -26.2874$ is the 20% darker color. If you saturate the color by 10%, you get $26.5353, 25.1064, -34.4258$, and if you desaturate by 10%, it is $33.3855, 15.3735, -19.8663$.

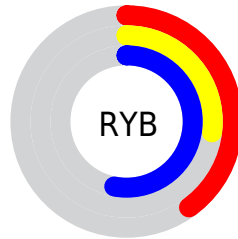
Distribution



Red (40%)

Green (27%)

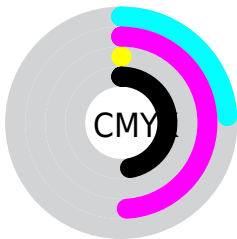
Blue (53%)



Red (40%)

Yellow (27%)

Blue (53%)

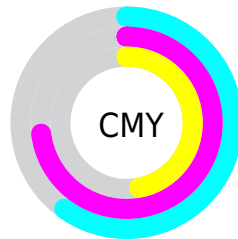


Cyan (24%)

Magenta (49%)

Yellow (0%)

Black (47%)



Cyan (60%)

Magenta (73%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.8146, 20.2363, -26.8568 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 29.8146, 20.2363, -26.8568 by changing the saturation by 10% instead.

■ 29.8146, 20.2363,
-26.8568

■ 29.8146, 20.2363,
-26.8568

■ 135.1115, 26.1846,
-30.9728

■ 21.6082, 19.0295,
-26.3659

■ 48.6668, 22.2398,
-28.0346

■ 14.3335, 17.6762,
-26.1905

■ 59.1846, 23.0651,
-28.6023

■ 7.9927, 16.9878,
-27.7008

■ 70.3669, 23.7889,
-29.1272

0.0000, INF, -NF

0.0000, NaN, -NF

■ 82.1763, 24.4213,
-29.6019

0.0000, NaN, NaN

■ 94.5811, 24.9706,
-30.0237

0.0000, NaN, NaN

107.5540, 25.4437,

0.0000, NaN, NaN

-30.3922

0.0000, NaN, NaN

121.0712, 25.8467,
-30.7082

■ 29.8146, 20.2363,
-26.8568

■ 29.8146, 20.2363,
-26.8568

■ 26.5353, 25.1064,
-34.4258

■ 33.3855, 15.3735,
-19.8663

■ 23.6105, 29.8159,
-42.4902

■ 37.1951, 10.5940,
-13.4331

■ 21.1175, 34.0481,
-50.7476

■ 41.2048, 5.9212,
-7.4887

■ 19.1345, 37.3207,
-58.5816

■ 45.3842, 1.3537,
-1.9559

■ 17.5904, 39.5920,
-65.7280

■ 49.7102, -3.1199,
3.2373

■ 17.4200, 39.8739,
-66.5836

■ 54.1644, -7.5144,
8.1533

■ 58.7325, -11.8449,
12.8439

■ 63.4029, -16.1248,
17.3513

■ 68.1662, -20.3659,
21.7100

Harmonies

Analogous

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



29.8152, 4.6096, -39.6390



29.8146, 20.2363, -26.8568



29.8152, 31.0842, -8.2020

Triad

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



29.8152, 20.2359, -26.8558



29.8152, 7.8904, 17.6991



29.8152, -24.8908, -4.6268

Complementary

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



29.8146, 20.2363, -26.8568



45.3040, -19.7668, 20.2013

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.



29.8152, -24.3582, 8.9399



29.8146, 20.2363, -26.8568



29.8152, -7.3256, 17.9220

Square

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



29.8152, 20.2359, -26.8558



29.8152, 23.0429, 14.7531



29.8152, -18.5237, 15.6698



29.8152, -20.1594, -23.1533

Rectangle

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



29.8146, 20.2363, -26.8568



29.8152, 33.0592, 2.5341



29.8152, -18.5237, 15.6698



29.8152, -25.2911, 0.6821

Sweetspot

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



29.8152, 20.2359, -26.8558



57.1026, 5.7374, -7.3339



35.3802, -3.4964, -16.6725



26.9901, 3.3038, -4.1938



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.



29.8152, 20.2359, -26.8558



34.9171, 34.5217, -47.5808



33.4017, 29.6875, -19.5860



21.5725, 0.6930, -0.9888



16.7517, 38.3167, -63.8166



1.1860, 2.5022, -2.8862

Inverse Universe

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



32.1668, 23.9995, -2.4526



39.1074, 40.0187, -3.3488



43.6155, -26.4275, 18.7589



21.7337, 1.0572, 0.6280



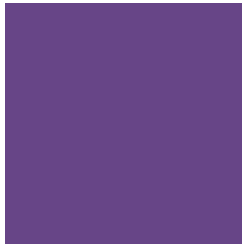
22.6037, 40.2998, 2.2780



1.3844, 2.5665, -0.6226

Previews

White Background



This preview shows how the HunterLab color 29.8146, 20.2363, -26.8568 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 29.8146, 20.2363, -26.8568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

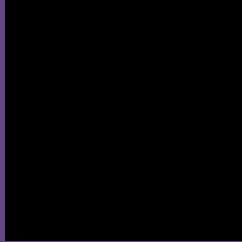
Any Text WCAG AA × Fail

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 29.8146, 20.2363, -26.8568 Background



This preview shows how black text looks on a background with the HunterLab color 29.8146, 20.2363, -26.8568.



This preview shows how white text looks on a background with the HunterLab color 29.8146, 20.2363, -26.8568.

-26.8568.

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

29.8146, 20.2363, -26.8568

Protanopia

29.9222, 6.4514, -36.1452

Deuteranopia

29.8938, 2.2549, -24.8363



Tritanopia

29.7630, 3.7402, 0.4431

Trichromacy



Original Color

29.8146, 20.2363, -26.8568

Protanomaly

29.4426, 10.8256, -33.9987

Deuteranomaly

29.6332, 7.9643, -25.9990

Tritanomaly

29.6058, 9.2064, -7.8240

Monochromacy



Original Color

29.8146, 20.2363, -26.8568

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

30.1064, 5.9012, -7.1372

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.8146, 20.2363, -26.8568 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(103, 69, 135)` looks like.

```
.text, #text, p{  
    color:rgb(103, 69, 135)  
}
```

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(103, 69, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 69, 135) }
```

Border

The CSS property to change the border of an element to HunterLab 29.8146, 20.2363, -26.8568 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(103, 69, 135) }
```


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

```
.border{ border-color:rgb(103, 69, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 69, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 69, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 69, 135);  
box-shadow:4px 4px 4px 4px rgb(103, 69,  
135) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.8146, 20.2363, -26.8568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 69, 135) }
```

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

```
.background{ background-color: rgb(103, 69,  
135) }
```

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