

Converting Colors

HunterLab(27.0267, 15.8432,
-25.5894)

Have a look what the booklet for
HunterLab(27.0267, 15.8432,
-25.5894) contains.

HunterLab(26.9954, 15.7229, -25.7031)	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(26.9954, 15.7229,
-25.7031)**

Conversions

Conversions Part 1

Format	Color
Hex	57417D
RGB	87, 65, 125
RGB Percent	34%, 25%, 49%
CMY	0.6588, 0.7451, 0.5098
CMYK	0.30, 0.48, 0.00, 0.51
HSL	262°, 32%, 37%
HSV	262°, 48%, 49%
XYZ	9.5225, 7.2875, 20.3068
YIQ	78.4180, -6.1480, 23.3240

Conversions

Conversions Part 2

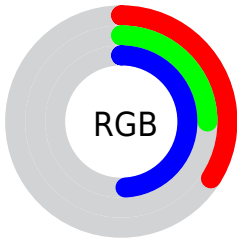
Format	Color
R_{YB}	87, 65, 125
Decimal	5718397
CIE _{Lab}	32.45, 23.38, -30.73
CIE _{LCh}	32, 38.609, 307.262
Yxy	7.2878, 0.2566, 0.1963
Android (android.graphics.Color)	4283908477 (0xFF57417D)
YUV	78.4180, 22.9649, 7.5264
Hunter-Lab	26.9954, 15.7229, -25.7031

Details

The HunterLab color $[26.9954, 15.7229, -25.7031]$ is a dark color, and the websafe version is hex 333366 . A complement of this color would be $[42.3469, -15.5944, 18.8187]$, and the grayscale version is $[27.6743, -1.4766, 1.5036]$.

A 20% lighter version of the original color is $[45.2919, 17.6448, -26.9195]$, and $[12.1252, 13.7001, -25.7227]$ is the 20% darker color. If you saturate the color by 10%, you get $[23.7647, 19.8811, -33.4144]$, and if you desaturate by 10%, it is $[30.4753, 11.6929, -18.7637]$.

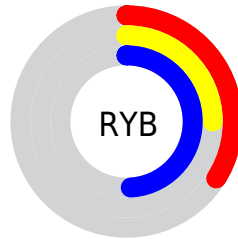
Distribution



Red (34%)

Green (25%)

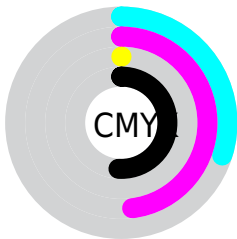
Blue (49%)



Red (34%)

Yellow (25%)

Blue (49%)

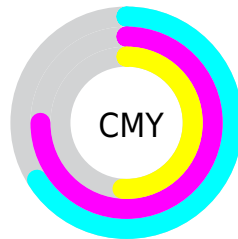


Cyan (30%)

Magenta (48%)

Yellow (0%)

Black (51%)



Cyan (66%)

Magenta (75%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 26.9954, 15.7229, -25.7031 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 26.9954, 15.7229, -25.7031 by changing the saturation by 10% instead.

■ 26.9954, 15.7229,
-25.7031

■ 26.9954, 15.7229,
-25.7031

■ 130.3971, 20.0636,
-29.7742

■ 19.0859, 14.7040,
-25.2599

■ 45.3320, 17.3447,
-26.8579

■ 12.1482, 13.5252,
-25.2335

■ 55.6199, 17.9824,
-27.4229

■ 5.2115, 19.2670,
-34.2352

■ 66.5862, 18.5225,
-27.9458

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 78.1913, 18.9755,
-28.4184

0.0000, NaN, NaN

■ 90.4018, 19.3497,
-28.8375

0.0000, NaN, NaN

■ 103.1891, 19.6521,

0.0000, NaN, NaN

116.5282, 19.8884,
-29.5143

■ 26.9954, 15.7229,
-25.7031

■ 26.9954, 15.7229,
-25.7031

■ 23.7647, 19.8811,
-33.4144

■ 30.4753, 11.6929,
-18.7637

■ 20.8431, 24.0845,
-41.9262

■ 34.1572, 7.8088,
-12.4941

■ 18.3107, 28.1162,
-51.0490

■ 38.0076, 4.0593,
-6.7753

■ 16.2607, 31.5521,
-60.1725

■ 42.0013, 0.4240,
-1.5002

■ 14.6606, 34.2542,
-68.8325

■ 46.1190, -3.1189,
3.4205

■ 14.3447, 34.8875,
-70.7442

■ 50.3459, -6.5888,
8.0584

■ 54.6702, -10.0024,
12.4706

■ 59.0826, -13.3734,
16.7020

■ 63.5754, -16.7130,
20.7879

Harmonies

Analogous

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



26.9959, 1.8443, -35.1678



26.9954, 15.7229, -25.7031



26.9959, 26.2058, -9.6379

Triad

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



26.9959, 15.7227, -25.7023



26.9959, 9.0944, 15.6053



26.9959, -22.3007, -1.7666

Complementary

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



26.9954, 15.7229, -25.7031



42.3469, -15.5944, 18.8187

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.



26.9959, -21.1013, 9.2400



26.9954, 15.7229, -25.7031



26.9959, -4.5781, 16.1292

Square

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



26.9959, 15.7227, -25.7023



26.9959, 21.8943, 12.3873



26.9959, -15.1638, 14.4941



26.9959, -18.8294, -17.6356

Rectangle

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



26.9954, 15.7229, -25.7031



26.9959, 28.9032, 0.2893



26.9959, -15.1638, 14.4941



26.9959, -22.4170, 2.5986

Sweetspot

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



26.9959, 15.7227, -25.7023



52.7967, 3.6353, -6.4208



35.0788, -6.7771, -11.2967



24.7260, 2.1530, -3.6768



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.



26.9959, 15.7227, -25.7023



31.2256, 27.3949, -46.2507



30.0723, 24.1120, -19.3006



20.6943, 0.4110, -1.0313



14.6418, 35.6288, -72.3535

0.0000, NaN, NaN

Inverse Universe

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



30.1995, 22.7849, -6.1852



36.8504, 38.0776, -9.7579



40.5778, -22.4658, 17.3029



20.9439, 1.1323, 0.2618



22.6734, 41.4324, -5.5308

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 26.9954, 15.7229, -25.7031 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 26.9954, 15.7229, -25.7031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

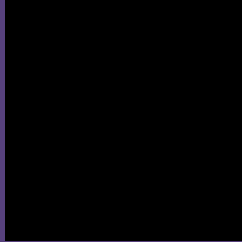
Any Text WCAG AA × Fail

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 26.9954, 15.7229, -25.7031 Background



This preview shows how black text looks on a background with the HunterLab color 26.9954, 15.7229, -25.7031.



This preview shows how white text looks on a background with the HunterLab color 26.9954, 15.7229, -25.7031.

-25.7031.

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

26.9954, 15.7229, -25.7031

Protanopia

27.2146, 5.4088, -32.2727

Deuteranopia

27.2322, 1.7954, -23.9866



Tritanopia

26.9183, 0.2606, -0.5548

Trichromacy



Original Color

26.9954, 15.7229, -25.7031

Protanomaly

26.8364, 8.9073, -30.7475

Deuteranomaly

26.9761, 6.1944, -25.1798

Tritanomaly

26.6812, 5.5190, -8.5936

Monochromacy



Original Color

26.9954, 15.7229, -25.7031

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

27.0936, 4.2477, -6.9227

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 26.9954, 15.7229, -25.7031 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(87, 65, 125)` looks like.

```
.text, #text, p{  
    color:rgb(87, 65, 125)  
}
```

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(87, 65, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 65, 125) }
```

Border

The CSS property to change the border of an element to HunterLab 26.9954, 15.7229, -25.7031 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(87, 65, 125) }
```


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

```
.border{ border-color:rgb(87, 65, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 65, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 65, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 65, 125);  
box-shadow:4px 4px 4px 4px rgb(87, 65,  
125) }
```

Background

The CSS property to change the background color of an element to HunterLab 26.9954, 15.7229, -25.7031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 65, 125) }
```

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

```
.background{ background-color: rgb(87, 65,  
125) }
```

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