

Converting Colors

HunterLab(25.0993, 12.1801,
-27.8147)

Have a look what the booklet for
HunterLab(25.0993, 12.1801,
-27.8147) contains.

HunterLab(25.0993, 12.1801, -27.8147)	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(25.0993, 12.1801,
-27.8147)**

Conversions

Conversions Part 1

Format	Color
Hex	473F7A
RGB	71, 63, 122
RGB Percent	28%, 25%, 48%
CMY	0.7216, 0.7529, 0.5216
CMYK	0.42, 0.48, 0.00, 0.52
HSL	248°, 32%, 36%
HSV	248°, 48%, 48%
XYZ	7.8889, 6.2997, 19.2125
YIQ	72.1180, -14.1710, 20.0450

Conversions

Conversions Part 2

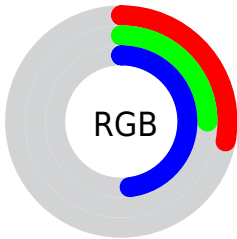
Format	Color
R_{YB}	71, 63, 122
Decimal	4669306
CIE _{Lab}	30.16, 19.15, -32.60
CIE _{LCh}	30, 37.807, 300.438
Yxy	6.3000, 0.2362, 0.1886
Android (android.graphics.Color)	4282859386 (0xFF473F7A)
YUV	72.1180, 24.5918, -0.9805
Hunter-Lab	25.0993, 12.1801, -27.8147

Details

The HunterLab color $[25.0993, 12.1801, -27.8147]$ is a dark color, and the websafe version is hex 333366 . A complement of this color would be $[42.2557, -11.4443, 19.2388]$, and the grayscale version is $[25.4179, -1.3562, 1.3810]$.

A 20% lighter version of the original color is $[43.1296, 13.2913, -28.9452]$, and $[10.7986, 10.1829, -27.7764]$ is the 20% darker color. If you saturate the color by 10%, you get $[21.7495, 15.9346, -36.5123]$, and if you desaturate by 10%, it is $[28.7024, 8.7462, -20.1949]$.

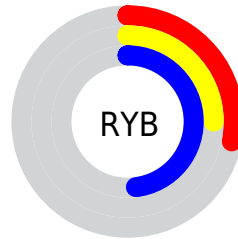
Distribution



Red (28%)

Green (25%)

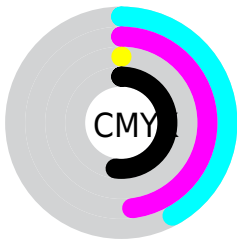
Blue (48%)



Red (28%)

Yellow (25%)

Blue (48%)

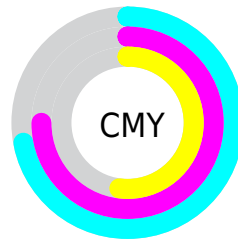


Cyan (42%)

Magenta (48%)

Yellow (0%)

Black (52%)



Cyan (72%)

Magenta (75%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.0993, 12.1801, -27.8147 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 25.0993, 12.1801, -27.8147 by changing the saturation by 10% instead.

■ 25.0993, 12.1801,
-27.8147

■ 25.0993, 12.1801,
-27.8147

■ 127.1666, 15.0280,
-32.2438

■ 17.4021, 11.3483,
-27.4962

■ 43.0702, 13.4348,
-28.9543

■ 10.7077, 10.3484,
-27.8500

■ 53.1958, 13.8962,
-29.5549

■ 1.3184, 63.2357,
-134.3097

■ 64.0102, 14.2657,
-30.1250

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 75.4717, 14.5533,
-30.6513

0.0000, NaN, NaN

■ 87.5459, 14.7673,
-31.1277

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.2031, 14.9142,

-31.5519

0.0000, NaN, NaN

113.4175, 14.9996,
-31.9237

■ 25.0993, 12.1801,
-27.8147

■ 25.0993, 12.1801,
-27.8147

■ 21.7495, 15.9346,
-36.5123

■ 28.7024, 8.7462,
-20.1949

■ 18.7243, 20.0113,
-46.4146

■ 32.5066, 5.5845,
-13.4550

■ 16.1256, 24.2694,
-57.3371

■ 36.4766, 2.6402,
-7.4051

■ 14.0828, 28.2639,
-68.3457

■ 40.5865, -0.1350,
-1.8907

■ 12.5692, 31.8160,
-78.5512

■ 44.8172, -2.7802,
3.2090

■ 12.3295, 32.5110,
-80.3752

■ 49.1541, -5.3258,
7.9860

■ 53.5860, -7.7954,
12.5106

■ 58.1040, -10.2069,
16.8364

■ 62.7007, -12.5745,
21.0048

Harmonies

Analogous

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



25.0997, -1.1548, -34.4350



25.0993, 12.1801, -27.8147



25.0997, 23.4586, -12.9067

Triad

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



25.0997, 12.1801, -27.8139



25.0997, 11.7948, 14.2963



25.0997, -21.2958, 1.1891

Complementary

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



25.0993, 12.1801, -27.8147



42.2557, -11.4443, 19.2388

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.



25.0997, -19.1590, 10.2981



25.0993, 12.1801, -27.8147



25.0997, -1.5259, 15.2260

Square

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



25.0997, 12.1801, -27.8139



25.0997, 23.2070, 10.4758



25.0997, -12.4933, 14.2352



25.0997, -19.0295, -13.3749

Rectangle

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



25.0993, 12.1801, -27.8147



25.0997, 27.3652, -2.7808



25.0997, -12.4933, 14.2352



25.0997, -21.0743, 4.9077

Sweetspot

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



25.0997, 12.1801, -27.8139



49.9982, 2.3773, -7.5626



38.1140, -12.3953, -5.3737



23.4730, 1.4376, -4.2193



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



25.0997, 12.1801, -27.8139



28.4094, 21.6781, -49.7182



27.7320, 19.6117, -21.9336



19.7920, 0.0283, -1.1140



12.6414, 33.3512, -82.5463



27.2047, 72.5279, -183.4960

Inverse Universe

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



29.8457, 24.5685, -12.8038



36.4523, 40.2865, -20.8422



40.2396, -19.0957, 17.5320



20.1708, 1.2689, -0.2657



23.3217, 44.5820, -20.9204



50.8456, 97.0520, -44.4873

Previews

White Background



This preview shows how the HunterLab color 25.0993, 12.1801, -27.8147 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 25.0993, 12.1801, -27.8147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

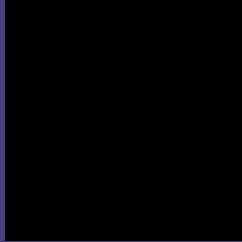
Any Text WCAG AA × Fail

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 25.0993, 12.1801, -27.8147 Background



This preview shows how black text looks on a background with the HunterLab color 25.0993, 12.1801, -27.8147.



This preview shows how white text looks on a background with the HunterLab color 25.0993, 12.1801, -27.8147.

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

25.0993, 12.1801, -27.8147

Protanopia

25.1562, 5.7929, -32.5297

Deuteranopia

25.2307, 1.3728, -26.1854



Tritanopia

25.0804, -3.6270, -2.0959

Trichromacy



Original Color

25.0993, 12.1801, -27.8147

Protanomaly

25.0550, 7.7426, -31.1350

Deuteranomaly

25.0792, 4.8368, -27.2263

Tritanomaly

24.8444, 1.8436, -10.4955

Monochromacy



Original Color

25.0993, 12.1801, -27.8147

Achromatopsia

25.4565, -1.3583, 1.3831

Achromatomaly

25.2431, 2.8205, -7.1152

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 25.0993, 12.1801, -27.8147 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(71, 63, 122)` looks like.

```
.text, #text, p{  
    color:rgb(71, 63, 122)  
}
```

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(71, 63, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 63, 122) }
```

Border

The CSS property to change the border of an element to HunterLab 25.0993, 12.1801, -27.8147 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(71, 63, 122) }
```


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

```
.border{ border-color:rgb(71, 63, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 63, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 63, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 63, 122);  
box-shadow:4px 4px 4px 4px rgb(71, 63,  
122) }
```

Background

The CSS property to change the background color of an element to HunterLab 25.0993, 12.1801, -27.8147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 63, 122) }
```

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

```
.background{ background-color: rgb(71, 63,  
122) }
```

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