

Converting Colors

HunterLab(21.2609, 12.3015,
-21.7386)

Have a look what the booklet for
HunterLab(21.2609, 12.3015,
-21.7386) contains.

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Color

**HunterLab(21.2609, 12.3015,
-21.7386)**

Conversions

Conversions Part 1

Format	Color
Hex	433366
RGB	67, 51, 102
RGB Percent	26%, 20%, 40%
CMY	0.7372, 0.8000, 0.6000
CMYK	0.34, 0.50, 0.00, 0.60
HSL	259°, 33%, 30%
HSV	259°, 50%, 40%
XYZ	5.8968, 4.5203, 13.1321
YIQ	61.5980, -6.8350, 19.2530

Conversions

Conversions Part 2

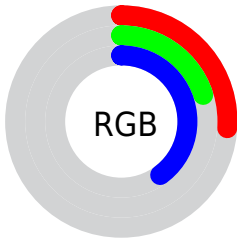
Format	Color
RYB	67, 51, 102
Decimal	4404070
CIELab	25.32, 19.83, -27.57
CIElCh	25, 33.959, 305.723
Yxy	4.5204, 0.2504, 0.1920
Android (android.graphics.Color)	4282594150 (0xFF433366)
YUV	61.5980, 19.9182, 4.7376
Hunter-Lab	21.2609, 12.3015, -21.7386

Details

The HunterLab color $[21.2609, 12.3015, -21.7386]$ is a dark color, and the websafe version is hex 333366 . A complement of this color would be $[34.2349, -12.0116, 15.4607]$, and the grayscale version is $[21.7443, -1.1602, 1.1814]$.

A 20% lighter version of the original color is $[38.4931, 13.5727, -22.4624]$, and $[7.8034, 11.1786, -22.4582]$ is the 20% darker color. If you saturate the color by 10%, you get $[18.6874, 15.5145, -28.0959]$, and if you desaturate by 10%, it is $[24.0296, 9.2181, -16.0476]$.

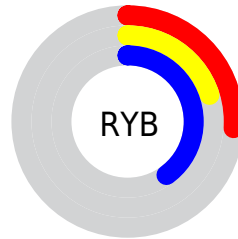
Distribution



Red (26%)

Green (20%)

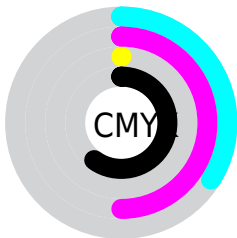
Blue (40%)



Red (26%)

Yellow (20%)

Blue (40%)

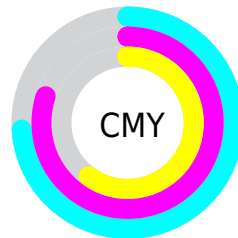


Cyan (34%)

Magenta (50%)

Yellow (0%)

Black (60%)



Cyan (74%)

Magenta (80%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.2609, 12.3015, -21.7386 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 21.2609, 12.3015, -21.7386 by changing the saturation by 10% instead.

■ 21.2609, 12.3015,
-21.7386

■ 21.2609, 12.3015,
-21.7386

■ 120.4539, 15.8022,
-25.4480

■ 14.0312, 11.3540,
-21.3962

■ 38.4362, 13.7501,
-22.8200

■ 7.6760, 11.2321,
-22.6165

■ 48.2115, 14.2936,
-23.3534

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 58.6986, 14.7379,
-23.8413

0.0000, NaN, NaN

■ 69.8519, 15.0943,
-24.2751

0.0000, NaN, NaN

■ 81.6339, 15.3722,
-24.6521

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.0126, 15.5789,

-24.9723

0.0000, NaN, NaN

106.9606, 15.7206,
-25.2370

■ 21.2609, 12.3015,
-21.7386

■ 21.2609, 12.3015,
-21.7386

■ 18.6874, 15.5145,
-28.0959

■ 24.0296, 9.2181,
-16.0476

■ 16.3570, 18.8044,
-35.1564

■ 26.9563, 6.2687,
-10.9285

■ 14.3345, 22.0145,
-42.7752

■ 30.0145, 3.4383,
-6.2764

■ 12.6970, 24.8168,
-50.4408

■ 33.1846, 0.7069,
-1.9987

■ 11.2537, 27.7959,
-58.8064

■ 36.4516, -1.9452,
1.9809

■ 11.2535, 27.7963,
-58.8075

■ 39.8038, -4.5351,
5.7231

■ 43.2322, -7.0768,
9.2761

■ 46.7295, -9.5819,
12.6775

■ 50.2897, -12.0598,
15.9570

Harmonies

Analogous

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



21.2613, 0.9610, -29.0977



21.2609, 12.3015, -21.7386



21.2613, 21.1299, -8.5971

Triad

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



21.2613, 12.3014, -21.7379



21.2613, 8.0297, 12.4062



21.2613, -18.0165, -0.8942

Complementary

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



21.2609, 12.3015, -21.7386



34.2349, -12.0116, 15.4607

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.



21.2613, -16.8637, 7.7488



21.2609, 12.3015, -21.7386



21.2613, -3.1540, 12.9587

Square

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



21.2613, 12.3014, -21.7379



21.2613, 18.3411, 9.7234



21.2613, -11.8906, 11.7207



21.2613, -15.4269, -13.7868

Rectangle

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



21.2609, 12.3015, -21.7386



21.2613, 23.5987, -0.3592



21.2613, -11.8906, 11.7207



21.2613, -18.0463, 2.5698

Sweetspot

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



21.2613, 12.3014, -21.7379



41.6491, 2.8862, -5.6688



29.0365, -6.8744, -7.8960



19.9306, 1.6609, -3.1611



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



21.2613, 12.3014, -21.7379



24.1909, 21.2928, -38.7530



23.6477, 18.8211, -16.6158



16.7377, 0.2085, -0.7771



12.6773, 31.4286, -67.1427



28.2178, 71.0955, -158.2877

Inverse Universe

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



24.2166, 19.1178, -6.2984



29.2898, 31.4563, -9.9164



32.7724, -17.6683, 14.2185



16.9562, 0.8678, 0.1478



20.4665, 37.7898, -8.0173



46.5658, 85.6771, -15.8922

Previews

White Background



This preview shows how the HunterLab color 21.2609, 12.3015, -21.7386 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 21.2609, 12.3015, -21.7386 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 21.2609, 12.3015, -21.7386 Background



This preview shows how black text looks on a background with the HunterLab color 21.2609, 12.3015, -21.7386.



This preview shows how white text looks on a background with the HunterLab color 21.2609, 12.3015, -21.7386.

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

21.2609, 12.3015, -21.7386

Protanopia

21.4228, 4.3163, -26.7655

Deuteranopia

21.4422, 1.0086, -20.1076



Tritanopia

21.3147, -0.6739, -0.7888

Trichromacy



Original Color

21.2609, 12.3015, -21.7386

Protanomaly

21.1502, 6.7720, -25.0735

Deuteranomaly

21.0872, 4.9038, -21.5373

Tritanomaly

21.2143, 3.4723, -7.0114

Monochromacy



Original Color

21.2609, 12.3015, -21.7386

Achromatopsia

21.9481, -1.1711, 1.1925

Achromatomaly

21.5683, 3.3622, -5.9516

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.2609, 12.3015, -21.7386 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(67, 51, 102)` looks like.

```
.text, #text, p{  
    color:rgb(67, 51, 102)  
}
```

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(67, 51, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 51, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 21.2609, 12.3015, -21.7386 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(67, 51, 102) }
```


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

```
.border{ border-color:rgb(67, 51, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 51, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 51, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 51, 102);  
box-shadow:4px 4px 4px 4px rgb(67, 51,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.2609, 12.3015, -21.7386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 51, 102) }
```

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

```
.background{ background-color: rgb(67, 51,  
102) }
```

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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