

Converting Colors

HunterLab(12.0055, 26.3100,
-20.2145)

Have a look what the booklet for
HunterLab(12.0055, 26.3100,
-20.2145) contains.

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Color

**HunterLab(12.4639, 24.7920,
-18.6684)**

Conversions

Conversions Part 1

Format	Color
Hex	410045
RGB	65, 0, 69
RGB Percent	25%, 0%, 27%
CMY	0.7451, 1.0000, 0.7294
CMYK	0.06, 1.00, 0.00, 0.73
HSL	297°, 100%, 14%
HSV	297°, 100%, 27%
XYZ	3.2541, 1.5535, 5.7586
YIQ	27.3010, 16.5910, 35.2390

Conversions

Conversions Part 2

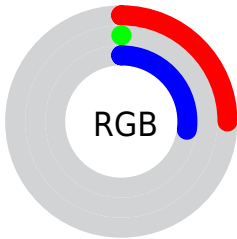
Format	Color
RYB	65, 0, 69
Decimal	4259909
CIELab	12.94, 37.60, -25.17
CIELCh	13, 45.243, 326.200
Yxy	1.5536, 0.3080, 0.1470
Android (android.graphics.Color)	4282449989 (0xFF410045)
YUV	27.3010, 20.5576, 33.0620
Hunter-Lab	12.4639, 24.7920, -18.6684

Details

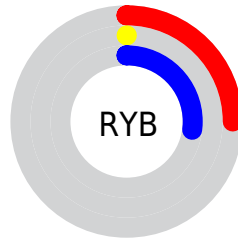
The HunterLab color **12.4639, 24.7920, -18.6684** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **20.6932, -17.4236, 12.4458**, and the grayscale version is **10.4971, -0.5601, 0.5703**.

A 20% lighter version of the original color is **27.5086, 28.0757, -19.4992**, and **3.0984, 7.5713, -15.5575** is the 20% darker color. If you saturate the color by 10%, you get **12.4640, 24.7921, -18.6683**, and if you desaturate by 10%, it is **13.1036, 22.7805, -17.0020**.

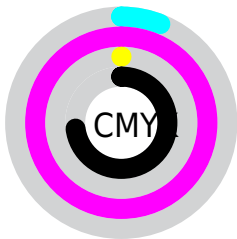
Distribution



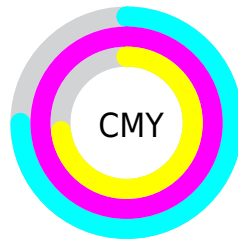
- Red (25%)
- Green (0%)
- Blue (27%)



- Red (25%)
- Yellow (0%)
- Blue (27%)



- Cyan (6%)
- Magenta (100%)
- Yellow (0%)
- Black (73%)



- Cyan (75%)
- Magenta (100%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.4639, 24.7920, -18.6684 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 12.4639, 24.7920, -18.6684 by changing the saturation by 10% instead.

12.4639, 24.7920,
-18.6684

12.4639, 24.7920,
-18.6684

103.8317, 36.1198,
-22.1800

5.7095, 30.3256,
-23.3399

27.4075, 28.0894,
-19.5302

0.0000, INF, -NF

0.0000, NaN, NaN

36.2225, 29.5830,
-20.0591

0.0000, NaN, NaN

45.8208, 30.9479,
-20.5540

0.0000, NaN, NaN

0.0000, NaN, NaN

56.1431, 32.1906,
-20.9965

0.0000, NaN, NaN

67.1417, 33.3202,
-21.3805

0.0000, NaN, NaN

78.7773, 34.3461,

0.0000, NaN, NaN

-21.7049

91.0168, 35.2768,
-21.9707

12.4639, 24.7920,
-18.6684

12.4639, 24.7920,
-18.6684

12.4640, 24.7921,
-18.6683

13.1036, 22.7805,
-17.0020

13.7470, 20.8948,
-15.4464

14.5614, 18.6135,
-13.6262

15.5585, 15.9967,
-11.5885

16.7211, 13.1763,
-9.4296

■ 18.0306, 10.2575,
-7.2240

■ 19.4684, 7.3137,
-5.0223

■ 21.0178, 4.3911,
-2.8547

■ 22.6643, 1.5151,
-0.7366

Harmonies

Analogous

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



12.4642, 11.2046, -39.2617



12.4639, 24.7920, -18.6684



12.4642, 31.5973, -0.8606

Triad

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



12.4642, 24.7914, -18.6677



12.4642, 0.8957, 8.7249



12.4642, -16.4981, -13.3675

Complementary

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



12.4639, 24.7920, -18.6684



20.6932, -17.4236, 12.4458

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.



12.4642, -18.0884, 2.0433



12.4639, 24.7920, -18.6684



12.4642, -9.2835, 8.7249

Square

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



12.4642, 24.7914, -18.6677



12.4642, 14.8874, 8.7249



12.4642, -15.4499, 8.7249



12.4642, -11.1050, -34.6487

Rectangle

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



12.4639, 24.7920, -18.6684



12.4642, 30.0128, 5.5005



12.4642, -15.4499, 8.7249



12.4642, -17.4951, -7.1019

Sweetspot

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



12.4642, 24.7914, -18.6677



25.0651, 9.9615, -6.8672



7.2773, 14.8385, -41.1270



12.8465, 5.5787, -3.8682



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



12.4642, 24.7914, -18.6677



16.1673, 32.1742, -24.3368



11.8845, 21.5897, -1.9186



12.3758, 0.6102, -0.2450



18.0902, 36.0074, -27.2817



44.5068, 88.6737, -67.7865

Inverse Universe

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



11.2873, 19.4064, 6.6913



14.6546, 25.1738, 8.8697



20.8555, -16.2874, 9.0927



12.3120, 0.2367, 0.8940



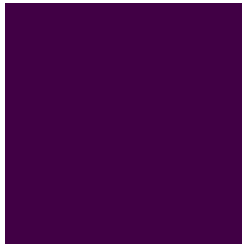
16.4034, 28.1683, 10.0024



40.4379, 69.3240, 25.5652

Previews

White Background



This preview shows how the HunterLab color 12.4639, 24.7920, -18.6684 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

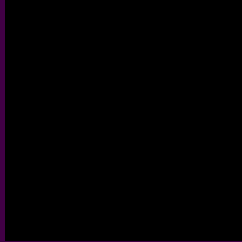
Any Text WCAG AA × Fail

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 12.4639, 24.7920, -18.6684 Background



This preview shows how black text looks on a background with the HunterLab color 12.4639, 24.7920, -18.6684.



This preview shows how white text looks on a background with the HunterLab color 12.4639, 24.7920, -18.6684.

-18.6684.

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

12.4639, 24.7920, -18.6684

Protanopia

13.6344, 2.3384, -22.0897

Deuteranopia

13.7370, 0.3686, -13.1137



Tritanopia

13.5397, 8.9634, 3.4099

Trichromacy



Original Color

12.4639, 24.7920, -18.6684

Protanomaly

11.5839, 9.6122, -25.8530

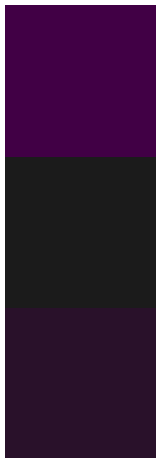
Deuteranomaly

11.7758, 9.2493, -18.5330

Tritanomaly

12.6763, 15.0151, -3.0713

Monochromacy



Original Color

12.4639, 24.7920, -18.6684

Achromatopsia

10.4690, -0.5586, 0.5688

Achromatomaly

10.1955, 8.9940, -6.2985

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.4639, 24.7920, -18.6684 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(65, 0, 69)` looks like.

```
.text, #text, p{  
    color:rgb(65, 0, 69)  
}
```

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(65, 0, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 0, 69) }
```

Border

The CSS property to change the border of an element to HunterLab 12.4639, 24.7920, -18.6684 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(65, 0, 69) }
```


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

```
.border{ border-color:rgb(65, 0, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 0, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 0, 69); -webkit-box-shadow:4px  
4px 4px 4px rgb(65, 0, 69); box-shadow:4px  
4px 4px 4px rgb(65, 0, 69) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.4639, 24.7920, -18.6684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 0, 69) }
```

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

```
.background{ background-color: rgb(65, 0,  
69) }
```

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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