

Converting Colors

HunterLab(12.4430, 24.3595,
-15.6064)

Have a look what the booklet for
HunterLab(12.4430, 24.3595,
-15.6064) contains.

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Color

**HunterLab(12.4093, 24.3267,
-15.8218)**

Conversions

Conversions Part 1

Format	Color
Hex	420041
RGB	66, 0, 65
RGB Percent	26%, 0%, 25%
CMY	0.7412, 1.0000, 0.7451
CMYK	0.00, 1.00, 0.02, 0.74
HSL	301°, 100%, 13%
HSV	301°, 100%, 26%
XYZ	3.2009, 1.5399, 5.1295
YIQ	27.1440, 18.4710, 34.2070

Conversions

Conversions Part 2

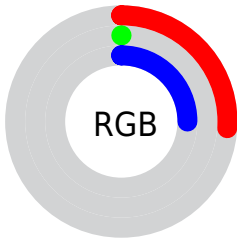
Format	Color
R_{YB}	66, 0, 65
Decimal	4325441
CIE _{Lab}	12.86, 37.07, -22.47
CIE _{LCh}	13, 43.351, 328.773
Yxy	1.5400, 0.3243, 0.1560
Android (android.graphics.Color)	4282515521 (0xFF420041)
YUV	27.1440, 18.6630, 34.0767
Hunter-Lab	12.4093, 24.3267, -15.8218

Details

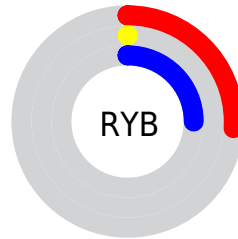
The HunterLab color **12.4093, 24.3267, -15.8218** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **19.7451, -16.8915, 11.7847**, and the grayscale version is **10.4543, -0.5578, 0.5680**.

A 20% lighter version of the original color is **27.4233, 27.4484, -16.3983**, and **2.9395, 6.8759, -12.3782** is the 20% darker color. If you saturate the color by 10%, you get **12.4094, 24.3269, -15.8217**, and if you desaturate by 10%, it is **12.9785, 22.3373, -14.5275**.

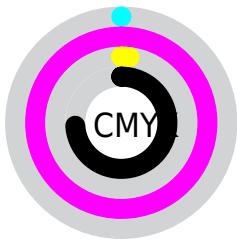
Distribution



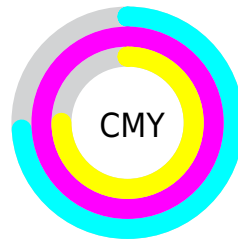
- Red (26%)
- Green (0%)
- Blue (25%)



- Red (26%)
- Yellow (0%)
- Blue (25%)



- Cyan (0%)
- Magenta (100%)
- Yellow (2%)
- Black (74%)



- Cyan (74%)
- Magenta (100%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.4093, 24.3267, -15.8218 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 12.4093, 24.3267, -15.8218 by changing the saturation by 10% instead.

12.4093, 24.3267,
-15.8218

12.4093, 24.3267,
-15.8218

103.7210, 35.4893,
-18.8885

5.6269, 30.1523,
-19.9106

27.3365, 27.5947,
-16.7399

0.0000, INF, -NF

0.0000, NaN, NaN

36.1446, 29.0690,
-17.2219

0.0000, NaN, NaN

45.7366, 30.4141,
-17.6529

0.0000, NaN, NaN

0.0000, NaN, NaN

56.0529, 31.6369,
-18.0227

0.0000, NaN, NaN


67.0459, 32.7467,
-18.3294

0.0000, NaN, NaN


78.6763, 33.7532,


0.0000, NaN, NaN


-18.5743


 90.9108, 34.6649,
-18.7597


 12.4093, 24.3267,
-15.8218


 12.4093, 24.3267,
-15.8218


 12.4094, 24.3269,
-15.8217

 12.9785, 22.3373,
-14.5275

 13.5473, 20.4750,
-13.3141

 14.2716, 18.2544,
-11.8525

 15.1702, 15.7053,
-10.1614

 16.2284, 12.9511,
-8.3233

■ 17.4295, 10.0938,
-6.4072

■ 18.7563, 7.2071,
-4.4633

■ 20.1929, 4.3389,
-2.5246

■ 21.7255, 1.5165,
-0.6106

Harmonies

Analogous

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



12.4096, 11.8088, -35.2621



12.4093, 24.3267, -15.8218



12.4096, 29.9015, 0.2187

Triad

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



12.4096, 24.3260, -15.8212



12.4096, -0.1879, 8.6867



12.4096, -15.5957, -14.2207

Complementary

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



12.4093, 24.3267, -15.8218



19.7451, -16.8915, 11.7847

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.



12.4096, -17.4716, 1.1156



12.4093, 24.3267, -15.8218



12.4096, -9.5800, 8.6867

Square

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



12.4096, 24.3260, -15.8212



12.4096, 12.9345, 8.6867



12.4096, -15.2697, 8.6867



12.4096, -10.1445, -33.8821

Rectangle

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



12.4093, 24.3267, -15.8218



12.4096, 27.8104, 5.9406



12.4096, -15.2697, 8.6867



12.4096, -16.6653, -8.1290

Sweetspot

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



12.4096, 24.3260, -15.8212



24.4809, 9.9980, -6.2193



6.2724, 17.0103, -44.5588



12.3080, 5.4122, -3.3835



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



12.4096, 24.3260, -15.8212



16.3519, 32.0517, -20.8171



11.2612, 20.2589, -0.2824



11.6464, 0.5860, -0.1755



18.3575, 35.9813, -23.3578



45.9692, 90.0796, -58.3250

Inverse Universe

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



12.4096, 24.3260, -15.8212



16.3519, 32.0517, -20.8171



20.0158, -15.2047, 7.8050



11.6464, 0.5860, -0.1755



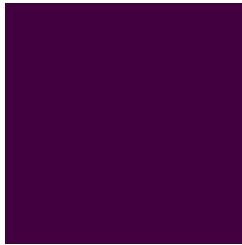
18.3575, 35.9813, -23.3578



45.9692, 90.0796, -58.3250

Previews

White Background



This preview shows how the HunterLab color 12.4093, 24.3267, -15.8218 looks on a white background.

Color Contrast Check

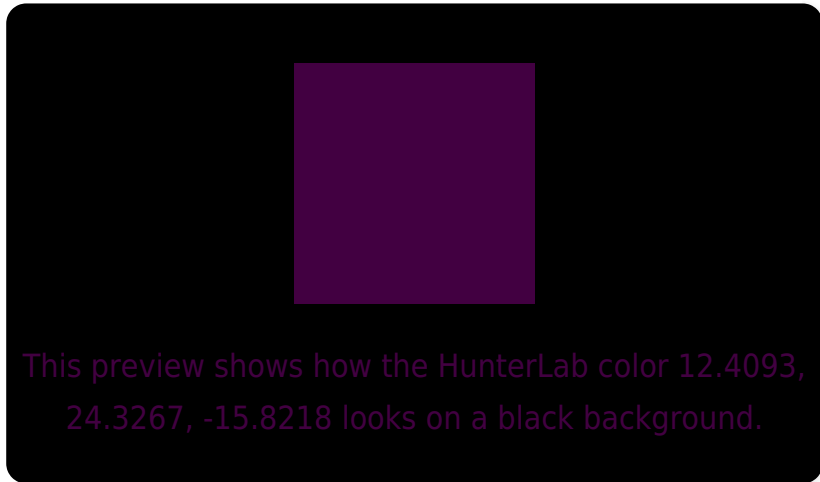
Large Text (above 18pt) WCAG AA ✓ Pass

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

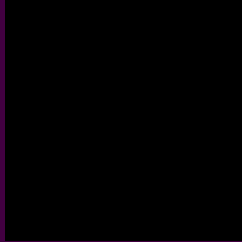
Any Text WCAG AA × Fail

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 12.4093, 24.3267, -15.8218 Background



This preview shows how black text looks on a background with the HunterLab color 12.4093, 24.3267, -15.8218.



This preview shows how white text looks on a background with the HunterLab color 12.4093, 24.3267, -15.8218.

-15.8218.

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

12.4093, 24.3267, -15.8218

Protanopia

13.4074, 2.7706, -22.7390

Deuteranopia

13.8468, 0.4172, -10.3642



Tritanopia

13.5722, 9.8362, 4.0056

Trichromacy



Original Color

12.4093, 24.3267, -15.8218

Protanomaly

11.3491, 9.7973, -25.7651

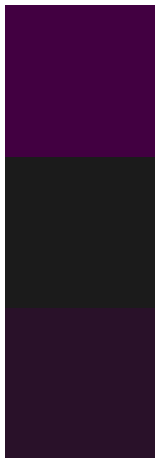
Deuteranomaly

11.9683, 9.3740, -15.0382

Tritanomaly

12.7191, 14.9399, -1.6800

Monochromacy



Original Color

12.4093, 24.3267, -15.8218

Achromatopsia

10.4690, -0.5586, 0.5688

Achromatomaly

10.1608, 8.8360, -5.8255

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.4093, 24.3267, -15.8218 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(66, 0, 65)` looks like.

```
.text, #text, p{  
    color:rgb(66, 0, 65)  
}
```

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(66, 0, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 0, 65) }
```

Border

The CSS property to change the border of an element to HunterLab 12.4093, 24.3267, -15.8218 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(66, 0, 65) }
```


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

```
.border{ border-color:rgb(66, 0, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 0, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 0, 65); -webkit-box-shadow:4px  
4px 4px 4px rgb(66, 0, 65); box-shadow:4px  
4px 4px 4px rgb(66, 0, 65) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.4093, 24.3267, -15.8218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 0, 65) }
```

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

```
.background{ background-color: rgb(66, 0,  
65) }
```

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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