

Converting Colors

HunterLab(12.5729, 7.4093,
-6.8924)

Have a look what the booklet for
HunterLab(12.5729, 7.4093, -6.8924)
contains.

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Color

**HunterLab(12.5729, 7.4093,
-6.8924)**

Conversions

Conversions Part 1

Format	Color
Hex	2D1B33
RGB	45, 27, 51
RGB Percent	18%, 11%, 20%
CMY	0.8235, 0.8941, 0.8000
CMYK	0.12, 0.47, 0.00, 0.80
HSL	285°, 31%, 15%
HSV	285°, 47%, 20%
XYZ	2.0717, 1.5808, 3.3279
YIQ	35.1180, 3.0240, 11.2800

Conversions

Conversions Part 2

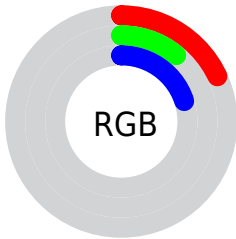
Format	Color
R_{YB}	45, 27, 51
Decimal	2956083
CIE _{Lab}	13.11, 14.18, -12.34
CIE _{LCh}	13, 18.797, 318.980
Yxy	1.5808, 0.2968, 0.2265
Android (android.graphics.Color)	4281146163 (0xFF2D1B33)
YUV	35.1180, 7.8298, 8.6665
Hunter-Lab	12.5729, 7.4093, -6.8924




Details

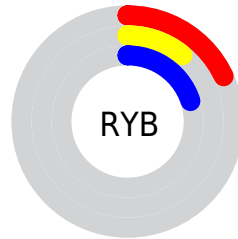
The HunterLab color **12.5729, 7.4093, -6.8924** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **16.6438, -7.5816, 6.4291**, and the grayscale version is **12.9773, -0.6924, 0.7051**.




A 20% lighter version of the original color is **27.5567, 8.2945, -7.2072**, and **0.4681, 1.2698, -3.3263** is the 20% darker color. If you saturate the color by 10%, you get **11.5693, 9.2154, -8.7606**, and if you desaturate by 10%, it is **13.6557, 5.5914, -5.0861**.

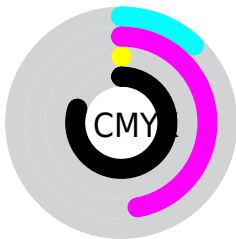
Distribution







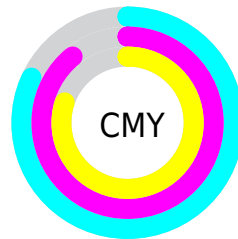
-  Red (18%)
-  Green (11%)
-  Blue (20%)






-  Red (18%)
-  Yellow (11%)
-  Blue (20%)



-  Cyan (12%)
-  Magenta (47%)
-  Yellow (0%)
-  Black (80%)



-  Cyan (82%)
-  Magenta (89%)
-  Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.5729, 7.4093, -6.8924 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 12.5729, 7.4093, -6.8924 by changing the saturation by 10% instead.

■ 12.5729, 7.4093,
-6.8924

■ 12.5729, 7.4093,
-6.8924

104.0524, 9.4793,
-7.1838

■ 5.8706, 10.2132,
-8.6608

■ 27.5492, 8.5656,
-7.4614

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 36.3779, 8.9470,
-7.6220

0.0000, NaN, NaN

■ 45.9889, 9.2260,
-7.7057

0.0000, NaN, NaN

■ 56.3229, 9.4168,
-7.7194

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.3325, 9.5300,
-7.6691

0.0000, NaN, NaN

■ 78.9786, 9.5740,

0.0000, NaN, NaN

-7.5602

91.2280, 9.5554,
-7.3972

12.5729, 7.4093,
-6.8924

12.5729, 7.4093,
-6.8924

11.5693, 9.2154,
-8.7606

13.6557, 5.5914,
-5.0861

10.6563, 10.9716,
-10.6675

14.8062, 3.7854,
-3.3521

9.8479, 12.6173,
-12.5674

16.0158, 2.0030,
-1.6907

9.1183, 14.1977,
-14.4979

17.2771, 0.2491,
-0.0978

8.3406, 16.1451,
-16.8419

18.5839, -1.4754,
1.4331

■ 8.0985, 16.8202,
-17.6450

■ 19.9313, -3.1719,
2.9092

■ 21.3150, -4.8428,
4.3374

■ 22.7315, -6.4912,
5.7243

■ 24.1779, -8.1200,
7.0757

Harmonies

Analogous

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



12.5732, 2.6005, -11.3528



12.5729, 7.4093, -6.8924



12.5732, 10.1889, -1.1865

Triad

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



12.5732, 7.4090, -6.8920



12.5732, 1.2138, 7.4303



12.5732, -8.5129, -2.6572

Complementary

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



12.5729, 7.4093, -6.8924



16.6438, -7.5816, 6.4291

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.



12.5732, -8.7651, 2.3057



12.5729, 7.4093, -6.8924



12.5732, -3.6398, 7.2077

Square

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



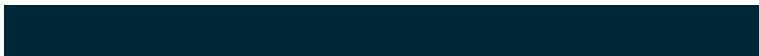
12.5732, 7.4090, -6.8920



12.5732, 6.2588, 6.0231



12.5732, -7.1173, 5.4148



12.5732, -6.3648, -8.3225

Rectangle

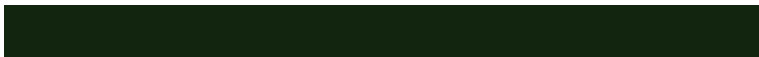
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



12.5729, 7.4093, -6.8924



12.5732, 10.2669, 2.0261



12.5732, -7.1173, 5.4148



12.5732, -8.8082, -0.8237

Sweetspot

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



12.5732, 7.4090, -6.8920



21.0101, 2.0526, -1.6942



12.5784, 0.7592, -6.9991



11.0511, 1.1435, -0.9491



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



12.5732, 7.4090, -6.8920



14.6781, 12.3066, -11.7477



12.9627, 8.1420, -3.4110



9.4239, 0.2490, -0.1544



13.8440, 28.9484, -31.6757



35.6891, 75.1190, -85.4671

Inverse Universe

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



12.6394, 6.5743, 1.1536



14.8283, 10.9808, 1.8428



16.4569, -8.1388, 4.9193



9.4241, 0.1635, 0.5138



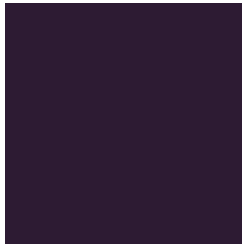
14.8168, 25.7734, 6.4802



38.7060, 66.9779, 19.6414

Previews

White Background



This preview shows how the HunterLab color 12.5729, 7.4093, -6.8924 looks on a white background.

Color Contrast Check

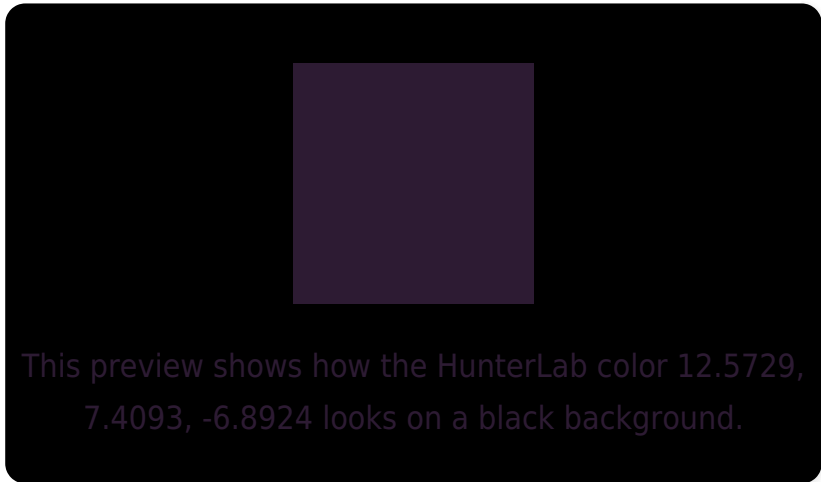
Large Text (above 18pt) WCAG AA ✓ Pass

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

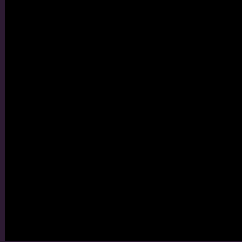
Any Text WCAG AA × Fail

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 12.5729, 7.4093, -6.8924 Background



This preview shows how black text looks on a background with the HunterLab color 12.5729, 7.4093, -6.8924.



This preview shows how white text looks on a background with the HunterLab color 12.5729, 7.4093, -6.8924.

-6.8924.

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

12.5729, 7.4093, -6.8924

Protanopia

12.6087, 1.7648, -10.4018

Deuteranopia

12.7327, 0.5216, -6.1966



Tritanopia

12.5778, 2.3891, 1.0097

Trichromacy



Original Color

12.5729, 7.4093, -6.8924

Protanomaly

12.5015, 3.4696, -9.3777

Deuteranomaly

12.4513, 2.9453, -6.6452

Tritanomaly

12.6307, 3.9497, -1.5713

Monochromacy



Original Color

12.5729, 7.4093, -6.8924

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

12.7454, 2.2527, -1.8657

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.5729, 7.4093, -6.8924 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(45, 27, 51)` looks like.

```
.text, #text, p{  
    color:rgb(45, 27, 51)  
}
```

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(45, 27, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 27, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 12.5729, 7.4093, -6.8924 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(45, 27, 51) }
```


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

```
.border{ border-color:rgb(45, 27, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 27, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 27, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 27, 51);  
box-shadow:4px 4px 4px 4px rgb(45, 27, 51)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.5729, 7.4093, -6.8924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 27, 51) }
```

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

```
.background{ background-color: rgb(45, 27,  
51) }
```

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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