

Converting Colors

HunterLab(12.9397, 24.1524,
-7.0867)

Have a look what the booklet for
HunterLab(12.9397, 24.1524,
-7.0867) contains.

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Color

**HunterLab(12.9364, 24.1409,
-7.0429)**

Conversions

Conversions Part 1

Format	Color
Hex	490035
RGB	73, 0, 53
RGB Percent	29%, 0%, 21%
CMY	0.7137, 1.0000, 0.7922
CMYK	0.00, 1.00, 0.27, 0.71
HSL	316°, 100%, 14%
HSV	316°, 100%, 29%
XYZ	3.3902, 1.6735, 3.5125
YIQ	27.8690, 26.4950, 31.9590

Conversions

Conversions Part 2

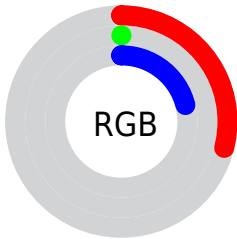
Format	Color
R_{YB}	73, 0, 53
Decimal	4784181
CIE _{Lab}	13.67, 36.70, -12.51
CIE _{LCh}	14, 38.769, 341.176
Yxy	1.6736, 0.3953, 0.1951
Android (android.graphics.Color)	4282974261 (0xFF490035)
YUV	27.8690, 12.3896, 39.5799
Hunter-Lab	12.9364, 24.1409, -7.0429

Details

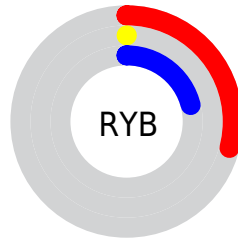
The HunterLab color **12.9364, 24.1409, -7.0429** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **21.9446, -17.9953, 11.4185**, and the grayscale version is **10.6937, -0.5706, 0.5810**.

A 20% lighter version of the original color is **28.1397, 27.3635, -7.5845**, and **3.9685, 7.0170, 0.8521** is the 20% darker color. If you saturate the color by 10%, you get **12.9364, 24.1408, -7.0424**, and if you desaturate by 10%, it is **13.6046, 22.3306, -6.9780**.

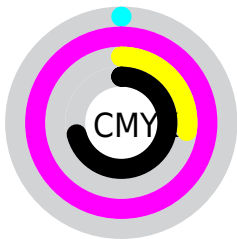
Distribution



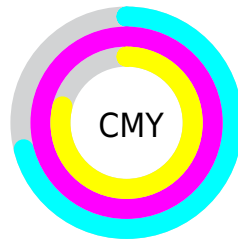
- Red (29%)
- Green (0%)
- Blue (21%)



- Red (29%)
- Yellow (0%)
- Blue (21%)



- Cyan (0%)
- Magenta (100%)
- Yellow (27%)
- Black (71%)



- Cyan (71%)
- Magenta (100%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.9364, 24.1409, -7.0429 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 12.9364, 24.1409, -7.0429 by changing the saturation by 10% instead.

12.9364, 24.1409,
-7.0429

12.9364, 24.1409,
-7.0429

104.7852, 35.1068,
-7.3608

6.3755, 27.0141,
-8.2024

28.0205, 27.3754,
-7.6156

0.0000, INF, -NF

0.0000, NaN, NaN

36.8948, 28.8245,
-7.7789

0.0000, NaN, NaN

46.5476, 30.1443,
-7.8656

0.0000, NaN, NaN

56.9205, 31.3425,
-7.8825

0.0000, NaN, NaN

0.0000, NaN, NaN

67.9666, 32.4288,
-7.8357

0.0000, NaN, NaN

79.6472, 33.4128,

0.0000, NaN, NaN

-7.7302

■ 91.9294, 34.3029,
-7.5707

■ 12.9364, 24.1409,
-7.0429

■ 12.9364, 24.1409,
-7.0429

■ 12.9364, 24.1408,
-7.0424

■ 13.6046, 22.3306,
-6.9780

■ 14.2914, 20.5969,
-6.8922

■ 15.1736, 18.4094,
-6.4957

■ 16.2547, 15.8573,
-5.8101

■ 17.5152, 13.0797,
-4.8972

■ 18.9339, 10.1873,
-3.8154

■ 20.4902, 7.2569,
-2.6129

■ 22.1656, 4.3370,
-1.3262

■ 23.9444, 1.4542,
0.0185

Harmonies

Analogous

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



12.9367, 15.2468, -23.2890



12.9364, 24.1409, -7.0429



12.9367, 25.2903, 3.8702

Triad

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



12.9367, 24.1398, -7.0424



12.9367, -4.3367, 9.0557



12.9367, -12.6191, -19.0704

Complementary

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



12.9364, 24.1409, -7.0429



21.9446, -17.9953, 11.4185

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.



12.9367, -15.6009, -3.5429



12.9364, 24.1409, -7.0429



12.9367, -11.3874, 9.0557

Square

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



12.9367, 24.1398, -7.0424



12.9367, 6.3997, 9.0557



12.9367, -15.1501, 5.5111



12.9367, -6.5218, -33.2400

Rectangle

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



12.9364, 24.1409, -7.0429



12.9367, 21.1979, 7.9335



12.9367, -15.1501, 5.5111



12.9367, -13.9627, -13.4848

Sweetspot

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



12.9367, 24.1398, -7.0424



26.4224, 9.8778, -3.5846



7.9015, 19.6167, -42.0856



13.4132, 5.5233, -2.0283



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



12.9367, 24.1398, -7.0424



16.7979, 31.2879, -8.6875



12.0712, 21.0067, 5.1939



12.3670, 0.5334, 0.1099



17.7443, 33.0392, -9.0888



43.6245, 80.9160, -19.9326

Inverse Universe

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



12.9367, 24.1398, -7.0424



16.7979, 31.2879, -8.6875



22.4729, -14.7395, 3.7298



12.3670, 0.5334, 0.1099



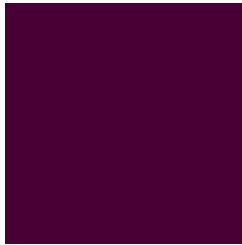
17.7443, 33.0392, -9.0888



43.6245, 80.9160, -19.9326

Previews

White Background



This preview shows how the HunterLab color 12.9364, 24.1409, -7.0429 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

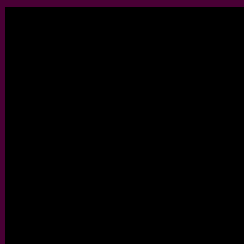
Any Text WCAG AA × Fail

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 12.9364, 24.1409, -7.0429 Background



This preview shows how black text looks on a background with the HunterLab color 12.9364, 24.1409, -7.0429.



This preview shows how white text looks on a background with the HunterLab color 12.9364, 24.1409, -7.0429.

-7.0429.

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

12.9364, 24.1409, -7.0429

Protanopia

14.2226, 2.8791, -18.9352

Deuteranopia

14.4686, 0.5949, -3.4398



Tritanopia

13.9063, 14.3195, 5.5834

Trichromacy



Original Color

12.9364, 24.1409, -7.0429

Protanomaly

12.1268, 10.2644, -18.3103

Deuteranomaly

12.7988, 9.8247, -6.4502

Tritanomaly

13.3243, 18.0903, 2.1246

Monochromacy



Original Color

12.9364, 24.1409, -7.0429

Achromatopsia

10.7760, -0.5750, 0.5855

Achromatomaly

10.4960, 8.6544, -3.2679

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.9364, 24.1409, -7.0429 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(73, 0, 53)` looks like.

```
.text, #text, p{  
    color:rgb(73, 0, 53)  
}
```

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(73, 0, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 0, 53) }
```

Border

The CSS property to change the border of an element to HunterLab 12.9364, 24.1409, -7.0429 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(73, 0, 53) }
```


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

```
.border{ border-color:rgb(73, 0, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 0, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 0, 53); -webkit-box-shadow:4px  
4px 4px 4px rgb(73, 0, 53); box-shadow:4px  
4px 4px 4px rgb(73, 0, 53) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.9364, 24.1409, -7.0429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 0, 53) }
```

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

```
.background{ background-color: rgb(73, 0,  
53) }
```

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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