

Converting Colors

HunterLab(12.7839, 20.2329,
7.5657)

Have a look what the booklet for
HunterLab(12.7839, 20.2329,
7.5657) contains.

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Color

**HunterLab(12.7839, 20.2329,
7.5657)**

Conversions

Conversions Part 1

Format	Color
Hex	4C0405
RGB	76, 4, 5
RGB Percent	30%, 2%, 2%
CMY	0.7020, 0.9843, 0.9804
CMYK	0.00, 0.95, 0.93, 0.70
HSL	359°, 90%, 16%
HSV	359°, 95%, 30%
XYZ	3.0513, 1.6343, 0.2982
YIQ	25.6420, 42.5910, 15.5750

Conversions

Conversions Part 2

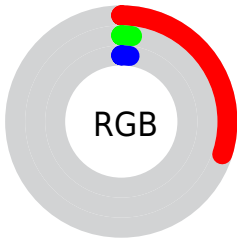
Format	Color
RYB	76, 4, 5
Decimal	4981765
CIELab	13.44, 32.02, 18.90
CIELCh	13, 37.186, 30.554
Yxy	1.6344, 0.6122, 0.3279
Android (android.graphics.Color)	4283171845 (0xFF4C0405)
YUV	25.6420, -10.1765, 44.1640
Hunter-Lab	12.7839, 20.2329, 7.5657

Details

The HunterLab color **12.7839, 20.2329, 7.5657** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **23.8804, -12.6040, -2.0347**, and the grayscale version is **10.0762, -0.5376, 0.5475**.

A 20% lighter version of the original color is **27.7642, 23.0838, 11.0682**, and **2.5403, 4.3503, 1.6415** is the 20% darker color. If you saturate the color by 10%, you get **12.4048, 21.2621, 7.8718**, and if you desaturate by 10%, it is **13.4823, 18.4631, 7.0306**.

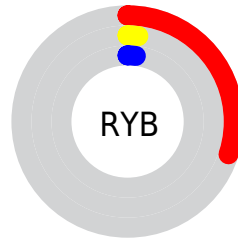
Distribution



Red (30%)

Green (2%)

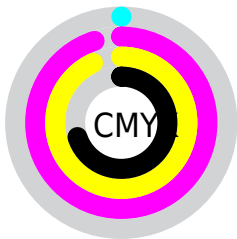
Blue (2%)



Red (30%)

Yellow (2%)

Blue (2%)

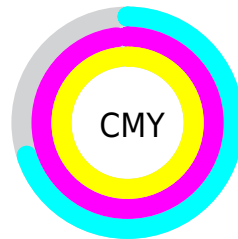


Cyan (0%)

Magenta (95%)

Yellow (93%)

Black (70%)



Cyan (70%)


Magenta (98%)


Yellow (98%)


Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.7839, 20.2329, 7.5657 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 12.7839, 20.2329, 7.5657 by changing the saturation by 10% instead.

 12.7839, 20.2329,
7.5657

 12.7839, 20.2329,
7.5657


 104.4786, 29.5967,
22.6086

 6.1694, 23.3724,
4.3186


 27.8231, 23.1527,
11.0104

0.0000, INF, NaN


0.0000, NaN, NaN

 36.6784, 24.4128,
12.8313

0.0000, NaN, NaN

 46.3137, 25.5413,
14.5651

0.0000, NaN, NaN

 56.6704, 26.5500,
16.2383

0.0000, NaN, NaN

0.0000, NaN, NaN


 67.7012, 27.4504,
17.8686


0.0000, NaN, NaN


 79.3674, 28.2527,


0.0000, NaN, NaN


19.4683


 91.6359, 28.9656,
21.0461


 12.7839, 20.2329,
7.5657


 12.7839, 20.2329,
7.5657

 12.4048, 21.2621,
7.8718

 13.4823, 18.4631,
7.0306

 14.3515, 16.4639,
6.3994

 15.4688, 14.1416,
5.6913

 16.8079, 11.6558,
4.9574

 18.3394, 9.1264,
4.2339

■ 20.0352, 6.6280,
3.5417

■ 21.8703, 4.1999,
2.8905

■ 23.8241, 1.8576,
2.2823

■ 25.8796, -0.3971,
1.7154

Harmonies

Analogous

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



12.7843, 24.5190, 0.8701



12.7839, 20.2329, 7.5657



12.7843, 10.1070, 8.9490

Triad

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



12.7843, 20.2313, 7.5659



12.7843, -13.6671, 7.3640



12.7843, -0.4979, -33.9773

Complementary

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



12.7839, 20.2329, 7.5657



23.8804, -12.6040, -2.0347

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.



12.7843, -8.7715, -27.3223



12.7839, 20.2329, 7.5657



12.7843, -15.3038, 0.5192

Square

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



12.7843, 20.2313, 7.5659



12.7843, -9.0042, 8.9490



12.7843, -13.5445, -12.3864



12.7843, 10.5268, -26.8537

Rectangle

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



12.7839, 20.2329, 7.5657



12.7843, 2.5997, 8.9490



12.7843, -13.5445, -12.3864



12.7843, -3.6643, -33.2457

Sweetspot

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



12.7843, 20.2313, 7.5659



27.8020, 6.9221, 4.1821



14.4794, 26.8568, -18.6053



13.9407, 3.9636, 2.2554



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



12.7843, 20.2313, 7.5659



16.3740, 28.0594, 10.4379



17.2724, 8.2323, 10.3925



13.0522, 0.2502, 1.0073



16.8163, 28.8167, 10.7239



40.9235, 70.0997, 26.3121

Inverse Universe

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



12.7843, 20.2313, 7.5659



16.3740, 28.0594, 10.4379



14.6545, 0.5986, -18.6226



13.0522, 0.2502, 1.0073



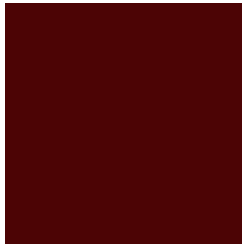
16.8163, 28.8167, 10.7239



40.9235, 70.0997, 26.3121

Previews

White Background



This preview shows how the HunterLab color 12.7839, 20.2329, 7.5657 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

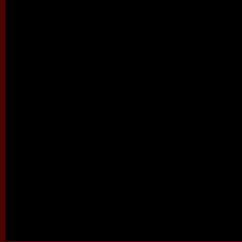
Any Text WCAG AA × Fail

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 12.7839, 20.2329, 7.5657 Background



This preview shows how black text looks on a background with the HunterLab color 12.7839, 20.2329, 7.5657.

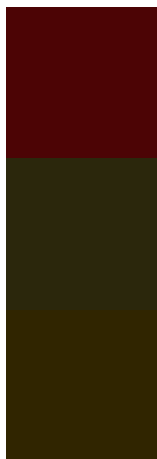


This preview shows how white text looks on a background with the HunterLab color 12.7839, 20.2329,

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

12.7839, 20.2329, 7.5657

Protanopia

14.1109, -2.0744, 7.1973

Deuteranopia

13.9697, -0.4186, 8.6007



Tritanopia

12.9941, 19.2472, 8.3438

Trichromacy



Original Color

12.7839, 20.2329, 7.5657

Protanomaly

12.5329, 6.4705, 6.6134

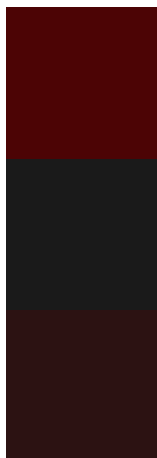
Deuteranomaly

12.6459, 7.5613, 7.6554

Tritanomaly

12.9272, 19.5827, 8.0451

Monochromacy



Original Color

12.7839, 20.2329, 7.5657

Achromatopsia

10.1636, -0.5423, 0.5522

Achromatomaly

10.0586, 6.6064, 2.9405

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.7839, 20.2329, 7.5657 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(76, 4, 5)` looks like.

```
.text, #text, p{  
    color:rgb(76, 4, 5)  
}
```

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(76, 4, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 4, 5) }
```

Border

The CSS property to change the border of an element to HunterLab 12.7839, 20.2329, 7.5657 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(76, 4, 5) }
```


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

```
.border{ border-color:rgb(76, 4, 5) }
```

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

Here you see how a box with a 4 pixel rgb(76, 4, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 4, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(76, 4, 5); box-shadow:4px  
4px 4px 4px rgb(76, 4, 5) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.7839, 20.2329, 7.5657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 4, 5) }
```

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

```
.background{ background-color: rgb(76, 4,  
5) }
```

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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