

Converting Colors

HunterLab(12.7327, 20.0508,
-2.0032)

Have a look what the booklet for
HunterLab(12.7327, 20.0508,
-2.0032) contains.

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Color

**HunterLab(12.7327, 20.0508,
-2.0032)**

Conversions

Conversions Part 1

Format	Color
Hex	46072A
RGB	70, 7, 42
RGB Percent	27%, 3%, 16%
CMY	0.7255, 0.9725, 0.8353
CMYK	0.00, 0.90, 0.40, 0.73
HSL	327°, 82%, 15%
HSV	327°, 90%, 27%
XYZ	3.0197, 1.6212, 2.3443
YIQ	29.8270, 26.3130, 24.2410

Conversions

Conversions Part 2

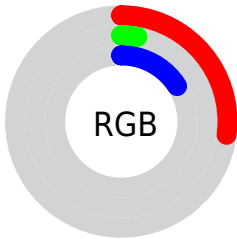
Format	Color
RYB	70, 7, 42
Decimal	4589354
CIELab	13.36, 31.81, -5.02
CIElCh	13, 32.205, 351.033
Yxy	1.6213, 0.4323, 0.2321
Android (android.graphics.Color)	4282779434 (0xFF46072A)
YUV	29.8270, 6.0013, 35.2317
Hunter-Lab	12.7327, 20.0508, -2.0032

Details

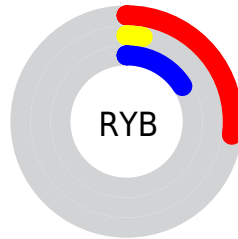
The HunterLab color **12.7327, 20.0508, -2.0032** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **21.3234, -15.7081, 8.4422**, and the grayscale version is **11.3175, -0.6039, 0.6149**.

A 20% lighter version of the original color is **27.7116, 22.8013, -1.8169**, and **2.2721, 3.8910, 1.4682** is the 20% darker color. If you saturate the color by 10%, you get **12.0330, 21.8162, -1.6136**, and if you desaturate by 10%, it is **13.4410, 18.4265, -2.3960**.

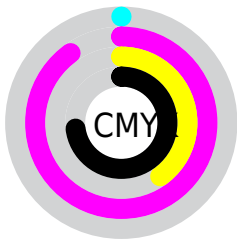
Distribution



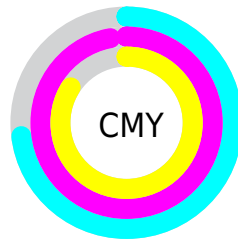
- Red (27%)
- Green (3%)
- Blue (16%)



- Red (27%)
- Yellow (3%)
- Blue (16%)



- Cyan (0%)
- Magenta (90%)
- Yellow (40%)
- Black (73%)



- Cyan (73%)
- Magenta (97%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.7327, 20.0508, -2.0032 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 12.7327, 20.0508, -2.0032 by changing the saturation by 10% instead.

12.7327, 20.0508,
-2.0032

12.7327, 20.0508,
-2.0032

104.3753, 29.3464,
0.6296

6.0984, 23.4044,
-3.0799

27.7567, 22.9570,
-1.8505

0.0000, INF, NaN

0.0000, NaN, NaN

36.6055, 24.2091,
-1.6579

0.0000, NaN, NaN

46.2350, 25.3296,
-1.4019

0.0000, NaN, NaN

56.5861, 26.3302,
-1.0896

0.0000, NaN, NaN

0.0000, NaN, NaN

67.6119, 27.2227,
-0.7264

0.0000, NaN, NaN

79.2731, 28.0173,

0.0000, NaN, NaN

-0.3166

91.5370, 28.7227,
0.1363

12.7327, 20.0508,
-2.0032

12.7327, 20.0508,
-2.0032

12.0330, 21.8162,
-1.6136

13.4410, 18.4265,
-2.3960

12.0326, 21.8173,
-1.6134

14.3311, 16.4236,
-2.5504

15.4103, 14.1068,
-2.4564

16.6582, 11.6024,
-2.1500

18.0535, 9.0072,
-1.6707

■ 19.5765, 6.3862,
-1.0546

■ 21.2096, 3.7789,
-0.3318

■ 22.9379, 1.2064,
0.4741

■ 24.7490, -1.3219,
1.3451

Harmonies

Analogous

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



12.7331, 14.8480, -13.6475



12.7327, 20.0508, -2.0032



12.7331, 18.6600, 5.1776

Triad

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



12.7331, 20.0497, -2.0028



12.7331, -6.0753, 8.9131



12.7331, -9.4806, -18.5346

Complementary

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



12.7327, 20.0508, -2.0032



21.3234, -15.7081, 8.4422

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.



12.7331, -12.8636, -6.3216



12.7327, 20.0508, -2.0032



12.7331, -11.1458, 8.0080

Square

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



12.7331, 20.0497, -2.0028



12.7331, 1.9939, 8.9131



12.7331, -13.4632, 2.9040



12.7331, -3.1501, -26.5839

Rectangle

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



12.7327, 20.0508, -2.0032



12.7331, 14.3021, 8.2976



12.7331, -13.4632, 2.9040



12.7331, -10.8903, -14.5078

Sweetspot

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



12.7331, 20.0497, -2.0028



26.2142, 7.7739, -1.2215



9.6927, 17.1295, -29.1714



13.1094, 4.1568, -0.6771



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.



12.7331, 20.0497, -2.0028



15.8241, 28.6095, -1.4823



12.1605, 17.8144, 6.2311



12.3527, 0.4560, 0.3146



17.1938, 31.0630, -1.4327



42.2269, 75.8868, -0.4029

Inverse Universe

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



12.7331, 20.0497, -2.0028



15.8241, 28.6095, -1.4823



21.9466, -11.9296, -0.5268



12.3527, 0.4560, 0.3146



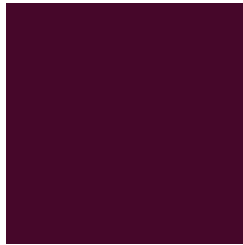
17.1938, 31.0630, -1.4327



42.2269, 75.8868, -0.4029

Previews

White Background



This preview shows how the HunterLab color 12.7327, 20.0508, -2.0032 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

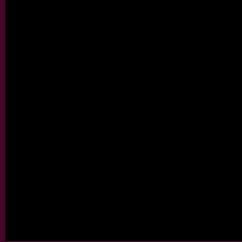
Any Text WCAG AA × Fail

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 12.7327, 20.0508, -2.0032 Background



This preview shows how black text looks on a background with the HunterLab color 12.7327, 20.0508, -2.0032.



This preview shows how white text looks on a background with the HunterLab color 12.7327, 20.0508,

-2.0032.

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

12.7327, 20.0508, -2.0032

Protanopia

13.7845, 1.2279, -9.2816

Deuteranopia

13.6358, 0.6449, 0.0676



Tritanopia

13.1966, 14.5053, 5.8145

Trichromacy



Original Color

12.7327, 20.0508, -2.0032

Protanomaly

12.3746, 7.9253, -8.3739

Deuteranomaly

12.4590, 8.2243, -1.7321

Tritanomaly

12.8780, 16.4004, 3.4485

Monochromacy



Original Color

12.7327, 20.0508, -2.0032

Achromatopsia

11.3943, -0.6080, 0.6191

Achromatomaly

11.1678, 6.9542, -1.0312

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.7327, 20.0508, -2.0032 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(70, 7, 42)` looks like.

```
.text, #text, p{  
    color:rgb(70, 7, 42)  
}
```

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(70, 7, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 7, 42) }
```

Border

The CSS property to change the border of an element to HunterLab 12.7327, 20.0508, -2.0032 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(70, 7, 42) }
```


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

```
.border{ border-color:rgb(70, 7, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 7, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 7, 42); -webkit-box-shadow:4px  
4px 4px 4px rgb(70, 7, 42); box-shadow:4px  
4px 4px 4px rgb(70, 7, 42) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.7327, 20.0508, -2.0032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 7, 42) }
```

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

```
.background{ background-color: rgb(70, 7,  
42) }
```

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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