

Converting Colors

HunterLab(13.2835, 22.0708,
-0.2331)

Have a look what the booklet for
HunterLab(13.2835, 22.0708,
-0.2331) contains.

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Color

**HunterLab(13.3287, 22.3008,
-0.3264)**

Conversions

Conversions Part 1

Format	Color
Hex	4C0428
RGB	76, 4, 40
RGB Percent	30%, 2%, 16%
CMY	0.7020, 0.9843, 0.8431
CMYK	0.00, 0.95, 0.47, 0.70
HSL	330°, 90%, 16%
HSV	330°, 95%, 30%
XYZ	3.4069, 1.7765, 2.1708
YIQ	29.6320, 31.3560, 26.4600

Conversions

Conversions Part 2

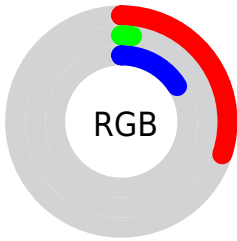
Format	Color
R_{YB}	76, 4, 40
Decimal	4981800
CIE _{Lab}	14.27, 34.39, -2.04
CIE _{LCh}	14, 34.452, 356.598
Yxy	1.7766, 0.4633, 0.2416
Android (android.graphics.Color)	4283171880 (0xFF4C0428)
YUV	29.6320, 5.1114, 40.6647
Hunter-Lab	13.3287, 22.3008, -0.3264




Details

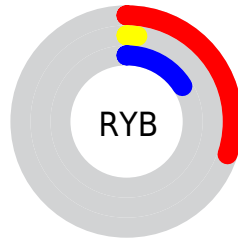
The HunterLab color **13.3287, 22.3008, -0.3264** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **23.1257, -17.1775, 8.8013**, and the grayscale version is **11.2587, -0.6007, 0.6117**.



A 20% lighter version of the original color is **28.4138, 25.3852, 0.0194**, and **3.9929, 6.8379, 2.5801** is the 20% darker color. If you saturate the color by 10%, you get **12.9477, 23.2540, -0.0106**, and if you desaturate by 10%, it is **14.0368, 20.6825, -0.9706**.

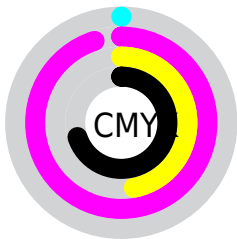
Distribution







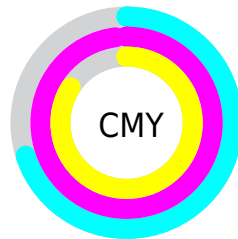
-  Red (30%)
-  Green (2%)
-  Blue (16%)






-  Red (30%)
-  Yellow (2%)
-  Blue (16%)



-  Cyan (0%)
-  Magenta (95%)
-  Yellow (47%)
-  Black (70%)



-  Cyan (70%)
-  Magenta (98%)
-  Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.3287, 22.3008, -0.3264 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 13.3287, 22.3008, -0.3264 by changing the saturation by 10% instead.

■ 13.3287, 22.3008,
-0.3264

■ 13.3287, 22.3008,
-0.3264

■ 105.5701, 32.4257,
3.7105

■ 6.8743, 23.6078,
-0.8587

■ 28.5271, 25.3739,
0.2185

0.0000, INF, NaN

0.0000, NaN, NaN

■ 37.4498, 26.7224,
0.5831

0.0000, NaN, NaN

■ 47.1470, 27.9405,
0.9992

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.5614, 29.0383,
1.4618

0.0000, NaN, NaN


■ 68.6464, 30.0265,
1.9670


0.0000, NaN, NaN


■ 80.3637, 30.9149,


0.0000, NaN, NaN


2.5118


 92.6809, 31.7122,
3.0937


 13.3287, 22.3008,
-0.3264


 13.3287, 22.3008,
-0.3264


 12.9477, 23.2540,
-0.0106

 14.0368, 20.6825,
-0.9706

 14.8974, 18.7677,
-1.4495

 15.9813, 16.4239,
-1.6570

 17.2674, 13.8050,
-1.6159

 18.7312, 11.0383,
-1.3623

■ 20.3488, 8.2141,
-0.9348

■ 22.0988, 5.3892,
-0.3681

■ 23.9625, 2.5953,
0.3090

■ 25.9247, -0.1524,
1.0736

Harmonies

Analogous

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



13.3291, 17.7830, -12.4789



13.3287, 22.3008, -0.3264



13.3291, 19.3870, 6.4768

Triad

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



13.3291, 22.2995, -0.3260



13.3291, -7.8218, 9.3304



13.3291, -9.2100, -22.7826

Complementary

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



13.3287, 22.3008, -0.3264



23.1257, -17.1775, 8.8013

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.



13.3291, -13.2908, -9.3819



13.3287, 22.3008, -0.3264



13.3291, -12.6224, 7.5781

Square

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



13.3291, 22.2995, -0.3260



13.3291, 0.3680, 9.3304



13.3291, -14.4629, 1.6978



13.3291, -1.7585, -29.9597

Rectangle

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



13.3287, 22.3008, -0.3264



13.3291, 13.9662, 9.3304



13.3291, -14.4629, 1.6978



13.3291, -10.9230, -18.5444

Sweetspot

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



13.3291, 22.2995, -0.3260



28.1532, 8.7294, -0.8304



10.2952, 20.5288, -32.6738



14.1353, 4.9572, -0.5213



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.



13.3291, 22.2995, -0.3260



17.0469, 30.5301, 0.6524



12.7758, 20.1988, 7.6923



13.0950, 0.4809, 0.3976



17.5036, 31.3408, 0.7267



42.3937, 75.5063, 4.8690

Inverse Universe

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



13.3291, 22.2995, -0.3260



17.0469, 30.5301, 0.6524



23.9093, -12.4331, -2.4404



13.0950, 0.4809, 0.3976



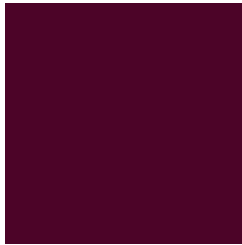
17.5036, 31.3408, 0.7267



42.3937, 75.5063, 4.8690

Previews

White Background



This preview shows how the HunterLab color 13.3287, 22.3008, -0.3264 looks on a white background.

Color Contrast Check

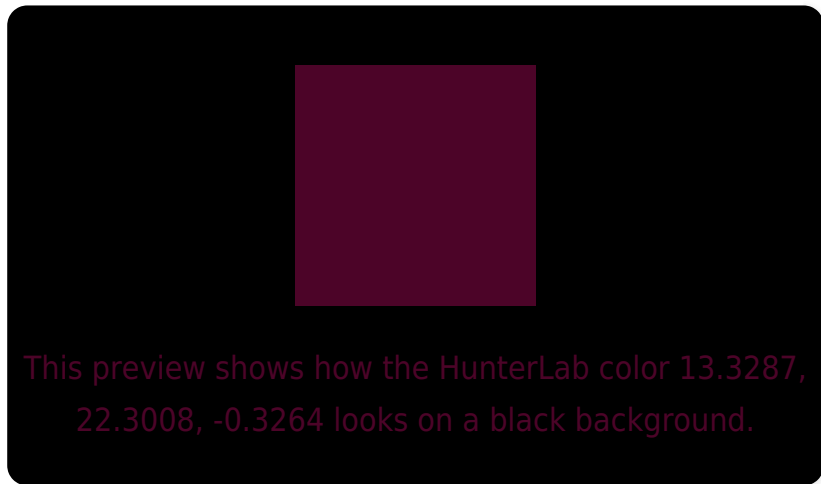
Large Text (above 18pt) WCAG AA ✓ Pass

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

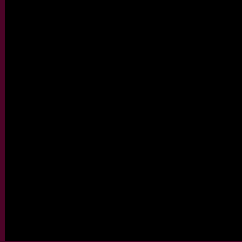
Any Text WCAG AA × Fail

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 13.3287, 22.3008, -0.3264 Background



This preview shows how black text looks on a background with the HunterLab color 13.3287, 22.3008, -0.3264.



This preview shows how white text looks on a background with the HunterLab color 13.3287, 22.3008, -0.3264.

-0.3264.

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

13.3287, 22.3008, -0.3264

Protanopia

14.4448, 0.9652, -6.9707

Deuteranopia

14.4142, 0.8951, 1.6982



Tritanopia

13.7980, 16.9981, 6.6934

Trichromacy



Original Color

13.3287, 22.3008, -0.3264

Protanomaly

12.7702, 8.8726, -6.5170

Deuteranomaly

13.1129, 9.0437, -0.0527

Tritanomaly

13.5240, 18.6824, 4.6285

Monochromacy



Original Color

13.3287, 22.3008, -0.3264

Achromatopsia

11.3943, -0.6080, 0.6191

Achromatomaly

11.2079, 7.9259, -0.9608

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.3287, 22.3008, -0.3264 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, 40)` looks like.

```
.text, #text, p{  
    color:rgb(76, 4, 40)  
}
```

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, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 4, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 13.3287, 22.3008, -0.3264 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, 40) }
```


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

```
.border{ border-color:rgb(76, 4, 40) }
```

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, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 4, 40); -webkit-box-shadow:4px  
4px 4px 4px rgb(76, 4, 40); box-shadow:4px  
4px 4px 4px rgb(76, 4, 40) }
```

Background

The CSS property to change the background color of an element to HunterLab 13.3287, 22.3008, -0.3264 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, 40) }
```

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

```
.background{ background-color: rgb(76, 4,  
40) }
```

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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