

Converting Colors

HunterLab(20.5229, 37.9915,
-8.7960)

Have a look what the booklet for
HunterLab(20.5229, 37.9915,
-8.7960) contains.

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Color

**HunterLab(20.5524, 38.0147,
-8.5642)**

Conversions

Conversions Part 1

Format	Color
Hex	730050
RGB	115, 0, 80
RGB Percent	45%, 0%, 31%
CMY	0.5490, 1.0000, 0.6863
CMYK	0.00, 1.00, 0.30, 0.55
HSL	318°, 100%, 23%
HSV	318°, 100%, 45%
XYZ	8.5182, 4.2240, 7.9557
YIQ	43.5050, 42.8600, 49.2600

Conversions

Conversions Part 2

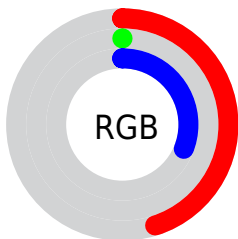
Format	Color
R_{YB}	115, 0, 80
Decimal	7536720
CIE _{Lab}	24.40, 49.62, -13.96
CIE _{LCh}	24, 51.547, 344.289
Yxy	4.2242, 0.4115, 0.2041
Android (android.graphics.Color)	4285726800 (0xFF730050)
YUV	43.5050, 17.9920, 62.7011
Hunter-Lab	20.5524, 38.0147, -8.5642

Details

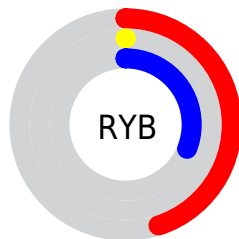
The HunterLab color **20.5524, 38.0147, -8.5642** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **35.1894, -28.9428, 18.4964**, and the grayscale version is **15.6428, -0.8347, 0.8499**.

A 20% lighter version of the original color is **37.6023, 41.9789, -8.8424**, and **10.7027, 19.4625, -1.8731** is the 20% darker color. If you saturate the color by 10%, you get **20.5523, 38.0143, -8.5627**, and if you desaturate by 10%, it is **21.2799, 36.3797, -9.3349**.

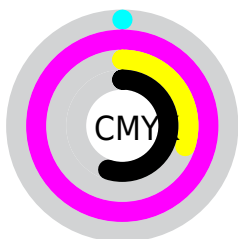
Distribution



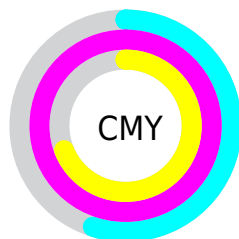
- Red (45%)
- Green (0%)
- Blue (31%)



- Red (45%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (30%)
- Black (55%)



- Cyan (55%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.5524, 38.0147, -8.5642 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 20.5524, 38.0147, -8.5642 by changing the saturation by 10% instead.

20.5524, 38.0147,
-8.5642

20.5524, 38.0147,
-8.5642

119.1862, 52.0567,
-8.7517

13.4156, 36.1701,
-8.1956

37.5717, 41.8304,
-9.0741

6.9788, 38.4001,
-8.8270

47.2787, 43.6108,
-9.2138

0.0000, INF, -NF

57.7021, 45.2793,
-9.2833

0.0000, NaN, NaN

68.7956, 46.8362,
-9.2881

0.0000, NaN, NaN

80.5210, 48.2863,
-9.2333

0.0000, NaN, NaN

92.8459, 49.6356,

0.0000, NaN, NaN

-9.1232

0.0000, NaN, NaN

105.7424, 50.8904,
-8.9615

20.5524, 38.0147,
-8.5642

20.5524, 38.0147,
-8.5642

20.5523, 38.0143,
-8.5627

21.2799, 36.3797,
-9.3349

22.2400, 34.0947,
-9.7375

23.5903, 30.7807,
-9.5178

25.3136, 26.6966,
-8.7385

27.3756, 22.1209,
-7.5040

■ 29.7354, 17.2853,
-5.9245

■ 32.3525, 12.3537,
-4.0954

■ 35.1904, 7.4278,
-2.0904

■ 38.2177, 2.5636,
0.0376

Harmonies

Analogous

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



20.5530, 25.3026, -33.1108



20.5524, 38.0147, -8.5642



20.5530, 38.3419, 7.1420

Triad

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



20.5530, 38.0128, -8.5634



20.5530, -8.1957, 14.3871



20.5530, -18.8991, -31.9107

Complementary

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



20.5524, 38.0147, -8.5642



35.1894, -28.9428, 18.4964

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.



20.5530, -23.3210, -7.5603



20.5524, 38.0147, -8.5642



20.5530, -18.5592, 13.3446

Square

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



20.5530, 38.0128, -8.5634



20.5530, 7.9778, 14.3871



20.5530, -23.2196, 7.6038



20.5530, -8.8290, -52.2364

Rectangle

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



20.5524, 38.0147, -8.5642



20.5530, 31.2544, 11.7595



20.5530, -23.2196, 7.6038



20.5530, -20.9353, -23.3567

Sweetspot

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



20.5530, 38.0128, -8.5634



43.0025, 17.0584, -5.6853



12.5967, 31.3941, -68.0307



20.4185, 9.4118, -3.1883



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



20.5530, 38.0128, -8.5634



27.4585, 50.7121, -10.8508



19.2534, 33.2907, 9.9492



19.3387, 1.0606, 0.1214



21.9659, 40.6136, -9.0327



48.3272, 89.0720, -17.6877

Inverse Universe

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



20.5530, 38.0128, -8.5634



27.4585, 50.7121, -10.8508



36.1030, -23.3167, 5.2095



19.3387, 1.0606, 0.1214



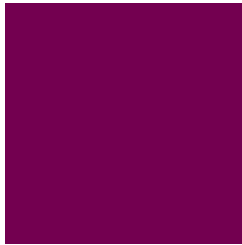
21.9659, 40.6136, -9.0327



48.3272, 89.0720, -17.6877

Previews

White Background



This preview shows how the HunterLab color 20.5524, 38.0147, -8.5642 looks on a white background.

Color Contrast Check

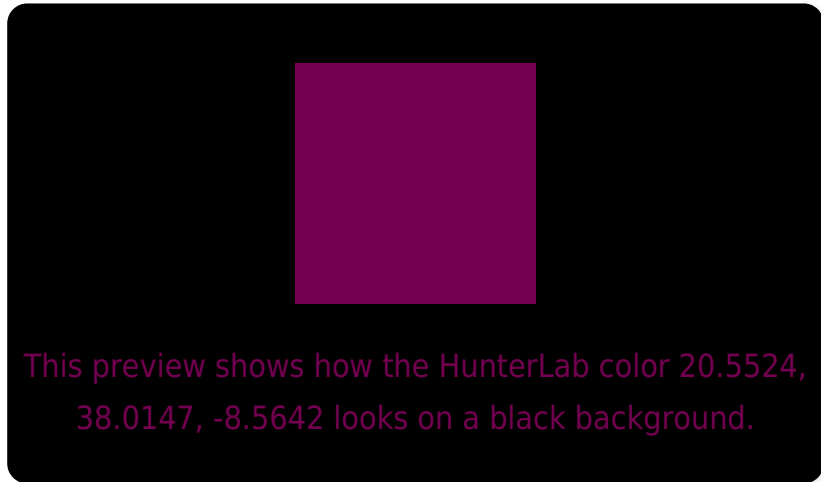
Large Text (above 18pt) WCAG AA ✓ Pass

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

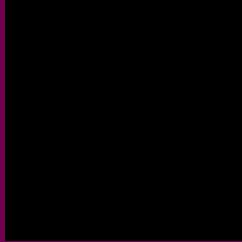
Any Text WCAG AA × Fail

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 20.5524, 38.0147, -8.5642 Background



This preview shows how black text looks on a background with the HunterLab color 20.5524, 38.0147, -8.5642.



This preview shows how white text looks on a background with the HunterLab color 20.5524, 38.0147,

-8.5642.

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

20.5524, 38.0147, -8.5642

Protanopia

21.8785, 5.0581, -29.5715

Deuteranopia

21.7527, 1.4056, -4.7149



Tritanopia

21.4186, 24.7974, 9.6492

Trichromacy



Original Color

20.5524, 38.0147, -8.5642

Protanomaly

18.4453, 17.4742, -28.7339

Deuteranomaly

19.1608, 17.0165, -9.6211

Tritanomaly

20.5944, 30.1433, 4.5304

Monochromacy



Original Color

20.5524, 38.0147, -8.5642

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

15.5821, 14.8825, -4.8667

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.5524, 38.0147, -8.5642 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(115, 0, 80)` looks like.

```
.text, #text, p{  
    color:rgb(115, 0, 80)  
}
```

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(115, 0, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 0, 80) }
```

Border

The CSS property to change the border of an element to HunterLab 20.5524, 38.0147, -8.5642 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(115, 0, 80) }
```


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

```
.border{ border-color:rgb(115, 0, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 0, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 0, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 0, 80);  
box-shadow:4px 4px 4px 4px rgb(115, 0, 80)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.5524, 38.0147, -8.5642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 0, 80) }
```

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

```
.background{ background-color: rgb(115, 0,  
80) }
```

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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