

Converting Colors

HunterLab(20.3212, 13.9574,
-38.9074)

Have a look what the booklet for
HunterLab(20.3212, 13.9574,
-38.9074) contains.

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Color

**HunterLab(20.3888, 13.8786,
-38.8661)**

Conversions

Conversions Part 1

Format	Color
Hex	2F3178
RGB	47, 49, 120
RGB Percent	18%, 19%, 47%
CMY	0.8157, 0.8078, 0.5294
CMYK	0.61, 0.59, 0.00, 0.53
HSL	238°, 44%, 33%
HSV	238°, 61%, 47%
XYZ	5.6608, 4.1570, 18.2733
YIQ	56.4960, -23.9830, 21.6570

Conversions

Conversions Part 2

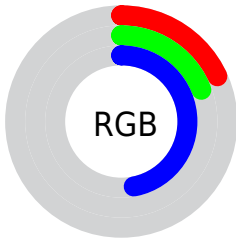
Format	Color
R_{YB}	47, 49, 120
Decimal	3092856
CIE _{Lab}	24.18, 22.06, -41.04
CIE _{LCh}	24, 46.587, 298.256
Y _{xy}	4.1572, 0.2015, 0.1480
Android (android.graphics.Color)	4281282936 (0xFF2F3178)
YUV	56.4960, 31.3075, -8.3280
Hunter-Lab	20.3888, 13.8786, -38.8661




Details

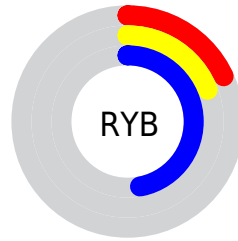
The HunterLab color **20.3888, 13.8786, -38.8661** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **41.4200, -8.9721, 21.5155**, and the grayscale version is **19.9583, -1.0649, 1.0844**.




A 20% lighter version of the original color is **37.2973, 15.5658, -39.5926**, and **7.5065, 15.1992, -42.1933** is the 20% darker color. If you saturate the color by 10%, you get **17.4847, 17.9483, -49.1673**, and if you desaturate by 10%, it is **23.6402, 10.3168, -29.8183**.

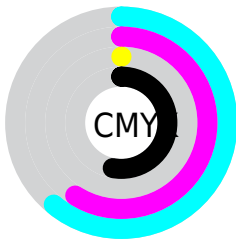
Distribution







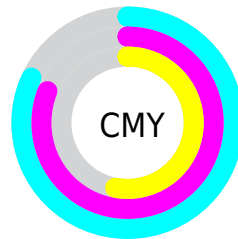
-  Red (18%)
-  Green (19%)
-  Blue (47%)






-  Red (18%)
-  Yellow (19%)
-  Blue (47%)



-  Cyan (61%)
-  Magenta (59%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (82%)
-  Magenta (81%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.3888, 13.8786, -38.8661 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 20.3888, 13.8786, -38.8661 by changing the saturation by 10% instead.

■ 20.3888, 13.8786,
-38.8661

■ 20.3888, 13.8786,
-38.8661

■ 118.8916, 18.3812,
-43.7899

■ 13.2735, 12.7947,
-39.7317

■ 37.3713, 15.5894,
-39.3994

■ 6.8061, 13.9550,
-46.9466

■ 47.0623, 16.2539,
-40.0138

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 57.4708, 16.8130,
-40.6860

0.0000, NaN, NaN

■ 68.5503, 17.2790,
-41.3661

0.0000, NaN, NaN

■ 80.2625, 17.6614,
-42.0277

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.5748, 17.9685,

-42.6567

0.0000, NaN, NaN

105.4593, 18.2065,
-43.2455

■ 20.3888, 13.8786,
-38.8661

■ 20.3888, 13.8786,
-38.8661

■ 17.4847, 17.9483,
-49.1673

■ 23.6402, 10.3168,
-29.8183

■ 15.0398, 22.4062,
-60.3911

■ 27.1572, 7.2179,
-21.9339

■ 13.1944, 26.7634,
-71.2494

■ 30.8842, 4.4968,
-15.0033

■ 11.9470, 30.2774,
-80.2931

■ 34.7822, 2.0708,
-8.8209

■ 38.8235, -0.1276,
-3.2162

■ 42.9877, -2.1510,
1.9430

■ 47.2596, -4.0390,
6.7576

■ 51.6274, -5.8215,
11.3039

■ 56.0818, -7.5215,
15.6398

Harmonies

Analogous

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



20.3891, -1.9313, -47.2635



20.3888, 13.8786, -38.8661



20.3891, 28.4911, -18.3844

Triad

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



20.3891, 13.8791, -38.8654



20.3891, 15.7721, 13.8497



20.3891, -22.1599, 1.9013

Complementary

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



20.3888, 13.8786, -38.8661



41.4200, -8.9721, 21.5155

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.



20.3891, -19.8104, 10.7201



20.3888, 13.8786, -38.8661



20.3891, -0.2328, 14.2724

Square

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



20.3891, 13.8791, -38.8654



20.3891, 29.7818, 10.1031



20.3891, -12.6919, 14.1379



20.3891, -20.3102, -15.8865

Rectangle

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



20.3888, 13.8786, -38.8661



20.3891, 34.0669, -5.0677



20.3891, -12.6919, 14.1379



20.3891, -21.8521, 5.8081

Sweetspot

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



20.3891, 13.8791, -38.8654



47.3927, 2.0253, -9.8602



39.1602, -17.7823, -1.9272



22.4461, 1.3427, -5.7095



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



20.3891, 13.8791, -38.8654



21.8220, 26.1035, -71.0104



22.6755, 21.7669, -32.1083



19.7725, -0.2459, -1.1440



12.4642, 31.6845, -83.9770



26.8453, 70.8248, -186.4448

Inverse Universe

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



24.9964, 22.7881, 8.9093



29.7812, 37.3508, 14.0415



39.5141, -19.1809, 19.9767



20.0416, 0.5739, 1.5746



20.8895, 35.8097, 13.2204



45.6012, 78.1266, 29.2092

Previews

White Background



This preview shows how the HunterLab color 20.3888, 13.8786, -38.8661 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



This preview shows how the HunterLab color 20.3888, 13.8786, -38.8661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

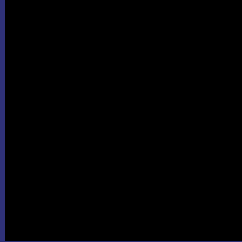
Any Text WCAG AA × Fail

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 20.3888, 13.8786, -38.8661 Background



This preview shows how black text looks on a background with the HunterLab color 20.3888, 13.8786, -38.8661.



This preview shows how white text looks on a background with the HunterLab color 20.3888, 13.8786, -38.8661.

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

20.3888, 13.8786, -38.8661

Protanopia

20.1007, 5.9946, -38.0647

Deuteranopia

20.2169, -0.3961, -24.4144



Tritanopia

20.3542, -7.9799, -3.5278

Trichromacy



Original Color

20.3888, 13.8786, -38.8661

Protanomaly

19.9932, 8.1704, -39.2935

Deuteranomaly

19.8889, 4.3040, -30.7992

Tritanomaly

20.0138, -1.1467, -14.3995

Monochromacy



Original Color

20.3888, 13.8786, -38.8661

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

19.6662, 3.2749, -10.1254

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.3888, 13.8786, -38.8661 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(47, 49, 120)` looks like.

```
.text, #text, p{  
    color:rgb(47, 49, 120)  
}
```

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(47, 49, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 49, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 20.3888, 13.8786, -38.8661 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(47, 49, 120) }
```


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

```
.border{ border-color:rgb(47, 49, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 49, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 49, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 49, 120);  
box-shadow:4px 4px 4px 4px rgb(47, 49,  
120) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.3888, 13.8786, -38.8661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 49, 120) }
```

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

```
.background{ background-color: rgb(47, 49,  
120) }
```

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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