

Converting Colors

HunterLab(20.5892, -9.0843,
7.1195)

Have a look what the booklet for
HunterLab(20.5892, -9.0843, 7.1195)
contains.

HunterLab(20.4786, -8.8293, 6.9070)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(20.4786, -8.8293,
6.9070)**

Conversions

Conversions Part 1

Format	Color
Hex	2A3F27
RGB	42, 63, 39
RGB Percent	16%, 25%, 15%
CMY	0.8353, 0.7529, 0.8471
CMYK	0.33, 0.00, 0.38, 0.75
HSL	113°, 24%, 20%
HSV	113°, 38%, 25%
XYZ	3.0985, 4.1937, 2.5656
YIQ	53.9850, -4.8120, -11.9160

Conversions

Conversions Part 2

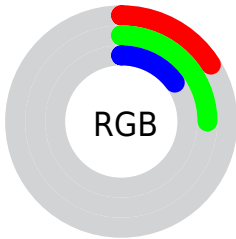
Format	Color
R_{YB}	39, 63, 60
Decimal	2768679
CIE _{Lab}	24.30, -13.99, 12.15
CIE _{LCh}	24, 18.528, 139.028
Yxy	4.1939, 0.3143, 0.4254
Android (android.graphics.Color)	4280958759 (0xFF2A3F27)
YUV	53.9850, -7.3876, -10.5108
Hunter-Lab	20.4786, -8.8293, 6.9070

Details

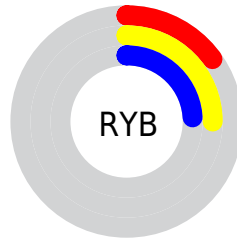
The HunterLab color **20.4786, -8.8293, 6.9070** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **16.6455, 8.2574, -6.3498**, and the grayscale version is **19.2273, -1.0259, 1.0447**.

A 20% lighter version of the original color is **37.5282, -11.8832, 9.6655**, and **7.5751, -6.4956, 4.5540** is the 20% darker color. If you saturate the color by 10%, you get **20.1177, -10.4277, 8.0379**, and if you desaturate by 10%, it is **20.8892, -7.0486, 5.6154**.

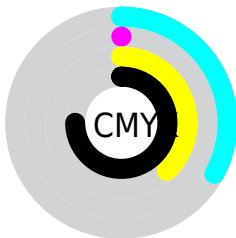
Distribution



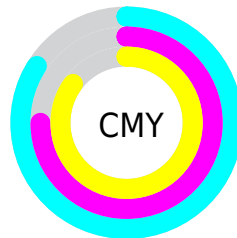
- Red (16%)
- Green (25%)
- Blue (15%)



- Red (15%)
- Yellow (25%)
- Blue (24%)



- Cyan (33%)
- Magenta (0%)
- Yellow (38%)
- Black (75%)



- Cyan (84%)
- Magenta (75%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.4786, -8.8293, 6.9070 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 20.4786, -8.8293, 6.9070 by changing the saturation by 10% instead.

■ 20.4786, -8.8293,
6.9070

■ 20.4786, -8.8293,
6.9070

■ 119.0534,
-21.0785, 18.2865

■ 13.3515, -7.2396,
5.4618

■ 37.4813, -11.7265,
9.5696

■ 6.9015, -9.2011,
4.8310

■ 47.1811, -13.1020,
10.8392

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.5978, -14.4521,
12.0894

0.0000, NaN, NaN

■ 68.6850, -15.7866,
13.3294

0.0000, NaN, NaN

■ 80.4044, -17.1123,
14.5653

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.7236, -18.4340,

105.6147,
-19.7551, 17.0411

20.4786, -8.8293,
6.9070

20.4786, -8.8293,
6.9070

20.1177, -10.4277,
8.0379

20.8892, -7.0486,
5.6154

19.8052, -11.8311,
9.0004

21.3474, -5.0984,
4.1720

19.5413, -13.0315,
9.7909

21.8528, -2.9945,
2.5881

19.3249, -14.0247,
10.4094

22.4039, -0.7529,
0.8760

19.1533, -14.8176,
10.8761

22.9993, 1.6103,
-0.9519

■ 19.0142, -15.4770,
11.3381

■ 23.6372, 4.0795,
-2.8830

■ 18.9894, -15.5958,
11.4282

■ 24.3157, 6.6401,
-4.9052

■ 25.0330, 9.2787,
-7.0073

■ 25.7872, 11.9830,
-9.1790

Harmonies

Analogous

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



20.4790, -4.5937, 8.8039



20.4786, -8.8293, 6.9070



20.4790, -10.9047, 3.0271

Triad

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



20.4790, -8.8297, 6.9072



20.4790, -3.1670, -12.2220



20.4790, 10.5110, 4.2716

Complementary

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



20.4786, -8.8293, 6.9070



16.6455, 8.2574, -6.3498

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.



20.4790, 11.0026, -1.0019



20.4786, -8.8293, 6.9070



20.4790, 2.6582, -11.6145

Square

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



20.4790, -8.8297, 6.9072



20.4790, -7.8852, -8.5853



20.4790, 7.9939, -7.1023



20.4790, 6.7171, 7.5998

Rectangle

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



20.4786, -8.8293, 6.9070



20.4790, -10.9572, -0.6151



20.4790, 7.9939, -7.1023



20.4790, 11.0826, 2.7057

Sweetspot

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



20.4790, -8.8297, 6.9072



28.1003, -4.8249, 4.0686



21.0101, -2.5998, 7.4840



14.4025, -2.5247, 2.1246



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



20.4790, -8.8297, 6.9072



26.0838, -13.4976, 10.4057



20.4897, -8.4699, 4.4480



11.3430, -1.5879, 1.3690



28.5385, -23.7814, 17.1690



72.3919, -61.2134, 43.5359

Inverse Universe

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



16.6455, 8.2574, -6.3498



19.9581, 13.9429, -10.9356



16.6617, 7.7609, -2.1047



10.8857, 0.4353, -0.1955



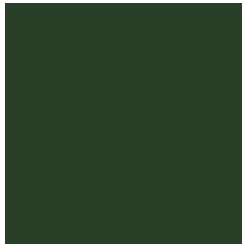
16.2280, 32.8096, -28.4176



40.9291, 82.9578, -73.2836

Previews

White Background



This preview shows how the HunterLab color 20.4786, -8.8293, 6.9070 looks on a white background.

Color Contrast Check

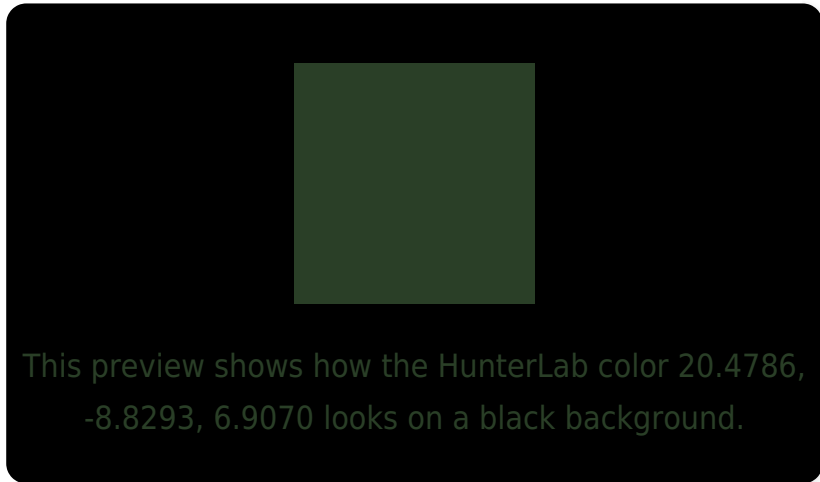
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.4786, -8.8293, 6.9070 Background



This preview shows how black text looks on a background with the HunterLab color 20.4786, -8.8293, 6.9070.



This preview shows how white text looks on a background with the HunterLab color 20.4786, -8.8293,

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

20.4786, -8.8293, 6.9070

Protanopia

20.5340, -2.0592, 7.5632

Deuteranopia

20.3904, 1.2651, 6.4867



Tritanopia

20.5371, -3.4134, -1.8428

Trichromacy



Original Color

20.4786, -8.8293, 6.9070

Protanomaly

20.4545, -4.8921, 7.2031

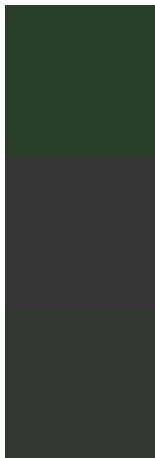
Deuteranomaly

20.2710, -2.8958, 6.5685

Tritanomaly

20.4472, -5.5363, 1.6539

Monochromacy



Original Color

20.4786, -8.8293, 6.9070

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

19.5605, -3.8163, 3.1787

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.4786, -8.8293, 6.9070 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(42, 63, 39)` looks like.

```
.text, #text, p{  
    color:rgb(42, 63, 39)  
}
```

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(42, 63, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 63, 39) }
```

Border

The CSS property to change the border of an element to HunterLab 20.4786, -8.8293, 6.9070 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(42, 63, 39) }
```


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

```
.border{ border-color:rgb(42, 63, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 63, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 63, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 63, 39);  
box-shadow:4px 4px 4px 4px rgb(42, 63, 39)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.4786, -8.8293, 6.9070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 63, 39) }
```

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

```
.background{ background-color: rgb(42, 63,  
39) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor