

Converting Colors

HunterLab(20.0653, 26.7934,
3.9536)

Have a look what the booklet for
HunterLab(20.0653, 26.7934,
3.9536) contains.

HunterLab(20.1280, 26.7364, 3.9820)	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(20.1280, 26.7364,
3.9820)**

Conversions

Conversions Part 1

Format	Color
Hex	6B1932
RGB	107, 25, 50
RGB Percent	42%, 10%, 20%
CMY	0.5804, 0.9019, 0.8039
CMYK	0.00, 0.77, 0.53, 0.58
HSL	342°, 62%, 26%
HSV	342°, 77%, 42%
XYZ	6.9868, 4.0514, 3.4314
YIQ	52.3680, 40.8470, 25.1590

Conversions

Conversions Part 2

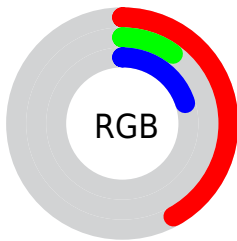
Format	Color
RYB	107, 25, 50
Decimal	7018802
CIELab	23.84, 37.72, 5.52
CIELCh	24, 38.124, 8.323
Yxy	4.0516, 0.4829, 0.2800
Android (android.graphics.Color)	4285208882 (0xFF6B1932)
YUV	52.3680, -1.1674, 47.9123
Hunter-Lab	20.1280, 26.7364, 3.9820

Details

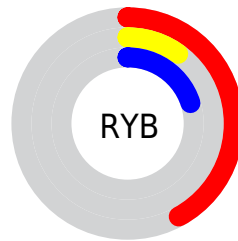
The HunterLab color **20.1280, 26.7364, 3.9820** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **33.6621, -20.8252, 6.3160**, and the grayscale version is **18.6501, -0.9951, 1.0133**.

A 20% lighter version of the original color is **37.0065, 29.7598, 5.5943**, and **9.1931, 15.7912, 5.5708** is the 20% darker color. If you saturate the color by 10%, you get **19.0247, 29.1255, 5.2407**, and if you desaturate by 10%, it is **21.6093, 23.5986, 2.9499**.

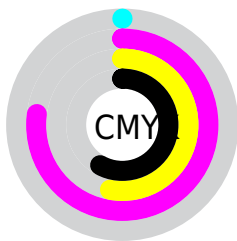
Distribution



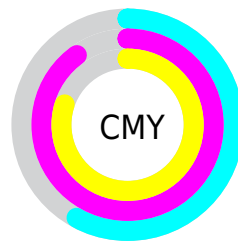
- Red (42%)
- Green (10%)
- Blue (20%)



- Red (42%)
- Yellow (10%)
- Blue (20%)



- Cyan (0%)
- Magenta (77%)
- Yellow (53%)
- Black (58%)



- Cyan (58%)
- Magenta (90%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.1280, 26.7364, 3.9820 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 20.1280, 26.7364, 3.9820 by changing the saturation by 10% instead.

20.1280, 26.7364,
3.9820

20.1280, 26.7364,
3.9820

118.4219, 37.1010,
11.9613

13.0479, 25.0498,
3.1402

37.0522, 29.8316,
5.6533

6.5211, 27.5511,
3.8627

46.7177, 31.1902,
6.5022

0.0000, INF, NaN

0.0000, NaN, NaN

57.1024, 32.4273,
7.3662

0.0000, NaN, NaN

68.1596, 33.5522,
8.2473

0.0000, NaN, NaN

79.8506, 34.5741,
9.1468

0.0000, NaN, NaN

0.0000, NaN, NaN

92.1428, 35.5013,

10.0654

0.0000, NaN, NaN

105.0081, 36.3415,
11.0035

20.1280, 26.7364,
3.9820

20.1280, 26.7364,
3.9820

19.0247, 29.1255,
5.2407

21.6093, 23.5986,
2.9499

18.2377, 30.7991,
6.5765

23.4347, 19.9769,
2.1847

17.9818, 31.3932,
6.9779

25.5627, 16.0980,
1.6881

27.9502, 12.1259,
1.4370

30.5581, 8.1611,
1.3981

■ 33.3532, 4.2572,
1.5374

■ 36.3080, 0.4373,
1.8244

■ 39.4004, -3.2932,
2.2333

■ 42.6122, -6.9384,
2.7432

Harmonies

Analogous

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



20.1286, 24.7204, -8.6464



20.1280, 26.7364, 3.9820



20.1286, 20.0563, 10.4242

Triad

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



20.1286, 26.7346, 3.9825



20.1286, -13.3259, 11.7843



20.1286, -8.8061, -31.1620

Complementary

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



20.1280, 26.7364, 3.9820



33.6621, -20.8252, 6.3160

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.



20.1286, -15.9911, -17.4671



20.1280, 26.7364, 3.9820



20.1286, -18.1501, 7.5610

Square

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



20.1286, 26.7346, 3.9825



20.1286, -4.2625, 13.3933



20.1286, -18.9980, -2.2944



20.1286, 2.3239, -34.2203

Rectangle

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



20.1280, 26.7364, 3.9820



20.1286, 12.3150, 12.3063



20.1286, -18.9980, -2.2944



20.1286, -11.6804, -27.3822

Sweetspot

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



20.1286, 26.7346, 3.9825



41.9817, 9.3533, 1.9034



18.7295, 28.1987, -31.9985



20.1462, 5.3314, 0.9210



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



20.1286, 26.7346, 3.9825



24.6510, 40.6209, 8.4918



21.7167, 19.5239, 11.2117



17.6934, 0.6562, 0.8675



19.8207, 34.5788, 7.8841



44.5863, 77.4832, 20.0682

Inverse Universe

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



20.1286, 26.7346, 3.9825



24.6510, 40.6209, 8.4918



29.8613, -11.1357, -9.4128



17.6934, 0.6562, 0.8675



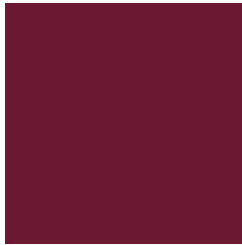
19.8207, 34.5788, 7.8841



44.5863, 77.4832, 20.0682

Previews

White Background



This preview shows how the HunterLab color 20.1280, 26.7364, 3.9820 looks on a white background.

Color Contrast Check

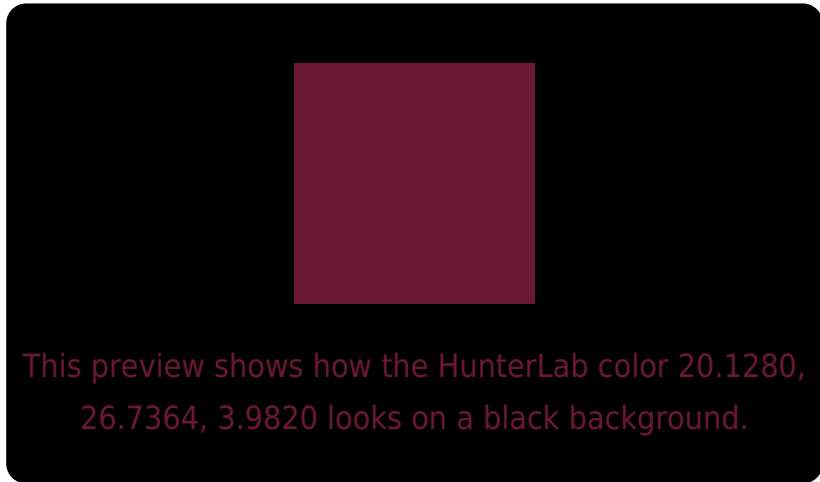
Large Text (above 18pt) WCAG AA ✓ Pass

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

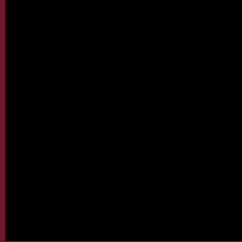
Any Text WCAG AA × Fail

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 20.1280, 26.7364, 3.9820 Background



This preview shows how black text looks on a background with the HunterLab color 20.1280, 26.7364, 3.9820.



This preview shows how white text looks on a background with the HunterLab color 20.1280, 26.7364,

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

20.1280, 26.7364, 3.9820

Protanopia

20.7394, -0.0289, -2.4018

Deuteranopia

20.6266, 1.0392, 5.2984



Tritanopia

20.2278, 23.3322, 9.0731

Trichromacy



Original Color

20.1280, 26.7364, 3.9820

Protanomaly

19.4596, 9.2502, -1.2985

Deuteranomaly

19.6872, 10.2573, 4.2115

Tritanomaly

20.0864, 24.4689, 7.3928

Monochromacy



Original Color

20.1280, 26.7364, 3.9820

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

18.0905, 8.7767, 1.0362

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.1280, 26.7364, 3.9820 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(107, 25, 50)` looks like.

```
.text, #text, p{  
    color:rgb(107, 25, 50)  
}
```

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(107, 25, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 25, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 20.1280, 26.7364, 3.9820 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(107, 25, 50) }
```


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

```
.border{ border-color:rgb(107, 25, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 25, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 25, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 25, 50);  
box-shadow:4px 4px 4px 4px rgb(107, 25,  
50) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.1280, 26.7364, 3.9820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 25, 50) }
```

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

```
.background{ background-color: rgb(107, 25,  
50) }
```

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