

Converting Colors

HunterLab(20.3065, -7.6034,
5.3197)

Have a look what the booklet for
HunterLab(20.3065, -7.6034, 5.3197)
contains.

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Color

**HunterLab(20.3487, -7.7720,
5.4597)**

Conversions

Conversions Part 1

Format	Color
Hex	2B3E2C
RGB	43, 62, 44
RGB Percent	17%, 24%, 17%
CMY	0.8314, 0.7569, 0.8274
CMYK	0.31, 0.00, 0.29, 0.76
HSL	123°, 18%, 21%
HSV	123°, 31%, 24%
XYZ	3.1735, 4.1407, 3.0149
YIQ	54.2670, -5.5460, -9.6260

Conversions

Conversions Part 2

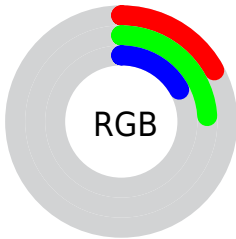
Format	Color
RYB	43, 61, 62
Decimal	2833964
CIELab	24.13, -11.98, 8.69
CIELCh	24, 14.794, 144.047
Yxy	4.1409, 0.3072, 0.4009
Android (android.graphics.Color)	4281024044 (0xFF2B3E2C)
YUV	54.2670, -5.0616, -9.8812
Hunter-Lab	20.3487, -7.7720, 5.4597

Details

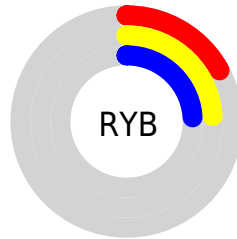
The HunterLab color **20.3487, -7.7720, 5.4597** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **17.5752, 6.7499, -3.9461**, and the grayscale version is **19.3155, -1.0306, 1.0494**.

A 20% lighter version of the original color is **37.4351, -10.4801, 7.5639**, and **7.0733, -6.0653, 4.2523** is the 20% darker color. If you saturate the color by 10%, you get **19.9394, -9.5558, 6.6347**, and if you desaturate by 10%, it is **20.8149, -5.7936, 4.1695**.

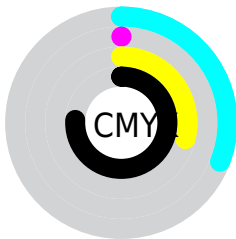
Distribution



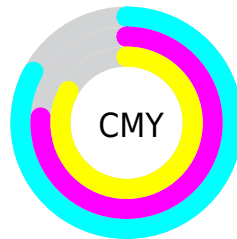
- Red (17%)
- Green (24%)
- Blue (17%)



- Red (17%)
- Yellow (24%)
- Blue (24%)



- Cyan (31%)
- Magenta (0%)
- Yellow (29%)
- Black (76%)



- Cyan (83%)
- Magenta (76%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.3487, -7.7720, 5.4597 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 20.3487, -7.7720, 5.4597 by changing the saturation by 10% instead.

■ 20.3487, -7.7720,
5.4597

■ 20.3487, -7.7720,
5.4597

■ 118.8196,
-18.9846, 15.0360

■ 13.2389, -6.3650,
4.3307

■ 37.3224, -10.3713,
7.5943

■ 6.7632, -8.0771,
4.7343

■ 47.0095, -11.6192,
8.6404

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.4143, -12.8516,
9.6858

0.0000, NaN, NaN

■ 68.4905, -14.0762,
10.7357

0.0000, NaN, NaN

■ 80.1994, -15.2985,
11.7936

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.5086, -16.5223,

12.8620

0.0000, NaN, NaN

105.3901,
-17.7503, 13.9424

20.3487, -7.7720,
5.4597

20.3487, -7.7720,
5.4597

19.9394, -9.5558,
6.6347

20.8149, -5.7936,
4.1695

19.5863, -11.1278,
7.6827

21.3356, -3.6381,
2.7757

19.2895, -12.4757,
8.5950

21.9097, -1.3255,
1.2913

19.0480, -13.5918,
9.3651

22.5354, 1.1243,
-0.2710

18.8601, -14.4743,
9.9902

23.2105, 3.6921,
-1.8992

■ 18.7137, -15.1669,
10.4689

■ 23.9327, 6.3600,
-3.5820

■ 18.5811, -15.7958,
10.8739

■ 24.6996, 9.1115,
-5.3093

■ 25.5088, 11.9321,
-7.0724

■ 26.3580, 14.8091,
-8.8635

Harmonies

Analogous

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



20.3491, -4.5720, 7.3980



20.3487, -7.7720, 5.4597



20.3491, -9.1689, 1.9624

Triad

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



20.3491, -7.7724, 5.4599



20.3491, -1.9975, -9.1818



20.3491, 7.6506, 4.2508

Complementary

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



20.3487, -7.7720, 5.4597



17.5752, 6.7499, -3.9461

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.



20.3491, 8.4940, 0.2142



20.3487, -7.7720, 5.4597



20.3491, 2.6498, -8.1877

Square

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



20.3491, -7.7724, 5.4599



20.3491, -6.0308, -6.9621



20.3491, 6.5915, -4.4867



20.3491, 4.3794, 6.8163

Rectangle

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



20.3487, -7.7720, 5.4597



20.3491, -8.9867, -1.0455



20.3491, 6.5915, -4.4867



20.3491, 8.2389, 3.0485

Sweetspot

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



20.3491, -7.7724, 5.4599



28.1844, -4.4271, 3.4209



21.4792, -3.6292, 6.8630



14.4345, -2.3653, 1.8156



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.



20.3491, -7.7724, 5.4599



26.3551, -12.1509, 8.4506



20.5432, -6.6511, 2.6636



11.3228, -1.6533, 1.2932



28.4230, -24.2360, 16.7923



72.2417, -61.8199, 43.1556

Inverse Universe

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



17.5752, 6.7499, -3.9461



21.8146, 11.6980, -6.9859



17.3086, 5.3960, -0.1880



10.9087, 0.5050, -0.1061



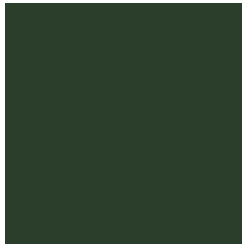
17.6803, 34.3939, -20.4803



44.9082, 87.2866, -51.4445

Previews

White Background



This preview shows how the HunterLab color 20.3487, -7.7720, 5.4597 looks on a white background.

Color Contrast Check

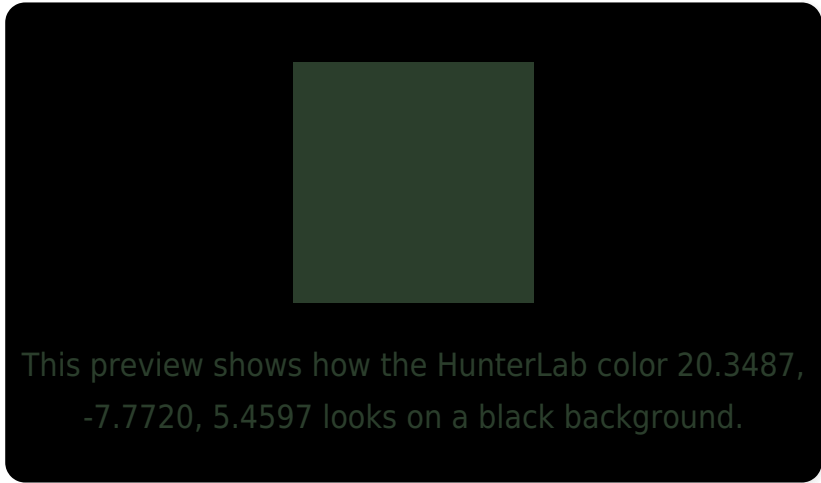
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.3487, -7.7720, 5.4597 Background



This preview shows how black text looks on a background with the HunterLab color 20.3487, -7.7720, 5.4597.

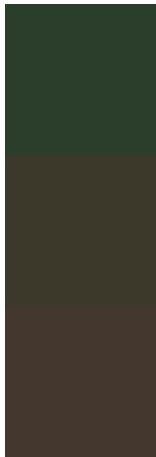


This preview shows how white text looks on a background with the HunterLab color 20.3487, -7.7720, 5.4597.

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

20.3487, -7.7720, 5.4597

Protanopia

20.2127, -1.7653, 5.9987

Deuteranopia

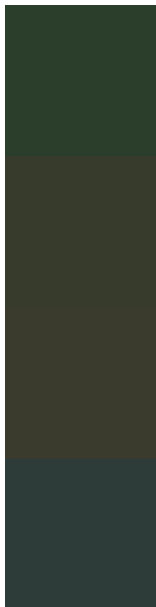
20.3050, 1.1603, 4.9847



Tritanopia

20.2545, -3.1755, -1.7735

Trichromacy



Original Color

20.3487, -7.7720, 5.4597

Protanomaly

20.2154, -4.2839, 5.6785

Deuteranomaly

20.2857, -2.6644, 5.1973

Tritanomaly

20.2681, -4.8115, 1.0814

Monochromacy



Original Color

20.3487, -7.7720, 5.4597

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

19.5823, -3.6937, 2.8653

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.3487, -7.7720, 5.4597 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(43, 62, 44)` looks like.

```
.text, #text, p{  
    color:rgb(43, 62, 44)  
}
```

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(43, 62, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 62, 44) }
```

Border

The CSS property to change the border of an element to HunterLab 20.3487, -7.7720, 5.4597 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(43, 62, 44) }
```


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

```
.border{ border-color:rgb(43, 62, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 62, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 62, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 62, 44);  
box-shadow:4px 4px 4px 4px rgb(43, 62, 44)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.3487, -7.7720, 5.4597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 62, 44) }
```

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

```
.background{ background-color: rgb(43, 62,  
44) }
```

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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