

Converting Colors

HunterLab(20.5491, -11.5187,
7.7628)

Have a look what the booklet for
HunterLab(20.5491, -11.5187,
7.7628) contains.

HunterLab(20.5555, -11.4762, 7.8788)	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(20.5555,
-11.4762, 7.8788)**

Conversions

Conversions Part 1

Format	Color
Hex	214123
RGB	33, 65, 35
RGB Percent	13%, 25%, 14%
CMY	0.8706, 0.7451, 0.8627
CMYK	0.49, 0.00, 0.46, 0.75
HSL	124°, 33%, 19%
HSV	124°, 49%, 25%
XYZ	2.8209, 4.2253, 2.2570
YIQ	52.0120, -9.4420, -16.1140

Conversions

Conversions Part 2

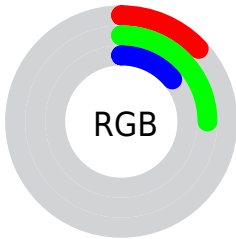
Format	Color
RYB	33, 63, 65
Decimal	2179363
CIELab	24.40, -19.34, 14.72
CIELCh	24, 24.309, 142.731
Yxy	4.2255, 0.3032, 0.4542
Android (android.graphics.Color)	4280369443 (0xFF214123)
YUV	52.0120, -8.3869, -16.6735
Hunter-Lab	20.5555, -11.4762, 7.8788

Details

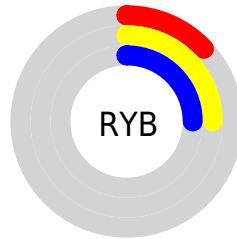
The HunterLab color **20.5555, -11.4762, 7.8788** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **16.0328, 12.2588, -7.2972**, and the grayscale version is **18.5651, -0.9906, 1.0087**.

A 20% lighter version of the original color is **37.5432, -15.0109, 10.8856**, and **8.0825, -6.9307, 4.8591** is the 20% darker color. If you saturate the color by 10%, you get **20.2368, -12.9228, 8.8556**, and if you desaturate by 10%, it is **20.9349, -9.7944, 6.7627**.

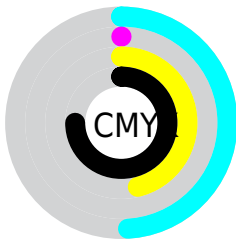
Distribution



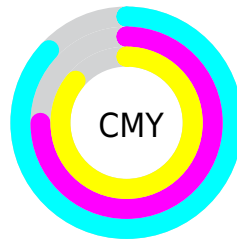
- Red (13%)
- Green (25%)
- Blue (14%)



- Red (13%)
- Yellow (25%)
- Blue (25%)



- Cyan (49%)
- Magenta (0%)
- Yellow (46%)
- Black (75%)



- Cyan (87%)
- Magenta (75%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.5555, -11.4762, 7.8788 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 20.5555, -11.4762, 7.8788 by changing the saturation by 10% instead.

■ 20.5555, -11.4762,
7.8788

■ 20.5555, -11.4762,
7.8788

■ 119.1916,
-26.5348, 20.6334

■ 13.4181, -9.3832,
6.2686

■ 37.5754, -15.1873,
10.9460

■ 6.9819, -12.2183,
4.8873

■ 47.2827, -16.9095,
12.3864

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.7063, -18.5787,
13.7929

0.0000, NaN, NaN

■ 68.8001, -20.2102,
15.1777


0.0000, NaN, NaN


■ 80.5257, -21.8148,
16.5490


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 92.8508, -23.4001,


 105.7475,
-24.9720, 19.2730


 20.5555, -11.4762,
7.8788


 20.5555, -11.4762,
7.8788


 20.2368, -12.9228,
8.8556


 20.9349, -9.7944,
6.7627


 19.9765, -14.1243,
9.6853


 21.3738, -7.8902,
5.5168


 19.7732, -15.0784,
10.3643

 21.8720, -5.7817,
4.1533

 19.6195, -15.8080,
10.8899

 22.4283, -3.4889,
2.6854

 19.4780, -16.4778,
11.3176

 23.0410, -1.0327,
1.1265

■ 19.4671, -16.5297,
11.3508

■ 23.7081, 1.5656,
-0.5101

■ 24.4272, 4.2859,
-2.2118

■ 25.1959, 7.1091,
-3.9671

■ 26.0116, 10.0182,
-5.7656

Harmonies

Analogous

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



20.5559, -6.4421, 10.2506



20.5555, -11.4762, 7.8788



20.5559, -13.6711, 2.8002

Triad

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



20.5559, -11.4765, 7.8790



20.5559, -2.9132, -17.9822



20.5559, 14.1801, 5.7957

Complementary

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



20.5555, -11.4762, 7.8788



16.0328, 12.2588, -7.2972

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.



20.5559, 15.4869, -0.7175



20.5555, -11.4762, 7.8788



20.5559, 4.8550, -16.2607

Square

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



20.5559, -11.4765, 7.8790



20.5559, -9.2149, -13.2909



20.5559, 11.8626, -9.1965



20.5559, 8.5141, 9.3885

Rectangle

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



20.5555, -11.4762, 7.8788



20.5559, -13.4913, -2.1841



20.5559, 11.8626, -9.1965



20.5559, 15.1743, 3.9510

Sweetspot

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



20.5559, -11.4765, 7.8790



28.6280, -6.4564, 4.7176



22.2724, -4.9914, 9.8065



14.9929, -3.5279, 2.5654



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



20.5559, -11.4765, 7.8790



26.1726, -17.1450, 11.7485



20.8318, -9.8381, 3.8809



12.0977, -1.7902, 1.3896



29.2305, -24.9030, 17.2229



73.1836, -62.5999, 43.6621

Inverse Universe

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



16.0328, 12.2588, -7.2972



19.1297, 20.1112, -12.0157



15.5566, 10.0115, -0.6508



11.6427, 0.5657, -0.1218



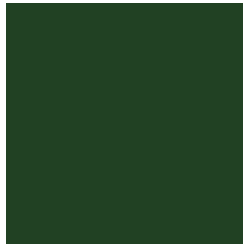
18.1342, 35.2055, -20.4529



45.3685, 87.9918, -50.5039

Previews

White Background



This preview shows how the HunterLab color 20.5555, -11.4762, 7.8788 looks on a white background.

Color Contrast Check

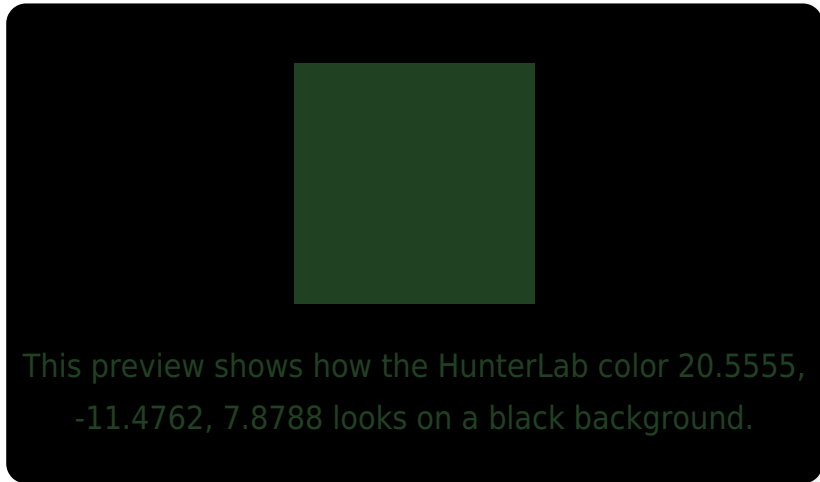
Large Text (above 18pt) WCAG AA ✓ Pass

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

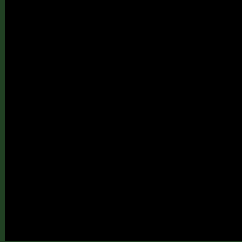
Any Text WCAG AA × Fail

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 20.5555, -11.4762, 7.8788 Background



This preview shows how black text looks on a background with the HunterLab color 20.5555, -11.4762, 7.8788.



This preview shows how white text looks on a background with the HunterLab color 20.5555,

-11.4762, 7.8788.

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

20.5555, -11.4762, 7.8788

Protanopia

20.5436, -2.1680, 8.6771

Deuteranopia

20.4158, 1.2205, 7.5185



Tritanopia

20.4498, -4.9995, -2.4301

Trichromacy



Original Color

20.5555, -11.4762, 7.8788

Protanomaly

20.5041, -6.1835, 8.3657

Deuteranomaly

20.3105, -4.1704, 7.5699

Tritanomaly

20.2840, -7.5554, 1.8017

Monochromacy



Original Color

20.5555, -11.4762, 7.8788

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

19.1870, -5.3099, 3.7427

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.5555, -11.4762, 7.8788 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(33, 65, 35)` looks like.

```
.text, #text, p{  
  color:rgb(33, 65, 35)  
}
```

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(33, 65, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 65, 35) }
```

Border

The CSS property to change the border of an element to HunterLab 20.5555, -11.4762, 7.8788 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(33, 65, 35) }
```


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

```
.border{ border-color:rgb(33, 65, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 65, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 65, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 65, 35);  
box-shadow:4px 4px 4px 4px rgb(33, 65, 35)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.5555, -11.4762, 7.8788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 65, 35) }
```

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

```
.background{ background-color: rgb(33, 65,  
35) }
```

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