

Converting Colors

HunterLab(20.4599, -11.8562,
0.0211)

Have a look what the booklet for
HunterLab(20.4599, -11.8562,
0.0211) contains.

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Color

**HunterLab(20.5491,
-11.9531, 0.1186)**

Conversions

Conversions Part 1

Format	Color
Hex	00423C
RGB	0, 66, 60
RGB Percent	0%, 26%, 24%
CMY	1.0000, 0.7412, 0.7647
CMYK	1.00, 0.00, 0.09, 0.74
HSL	175°, 100%, 13%
HSV	175°, 100%, 26%
XYZ	2.7638, 4.2227, 4.9443
YIQ	45.5820, -37.4100, -15.8580

Conversions

Conversions Part 2

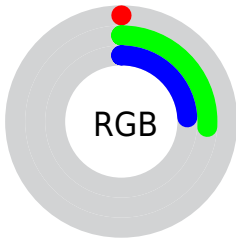
Format	Color
R_{YB}	0, 35, 66
Decimal	16956
CIE _{Lab}	24.39, -20.36, -1.71
CIE _{LCh}	24, 20.431, 184.794
Yxy	4.2228, 0.2317, 0.3539
Android (android.graphics.Color)	4278207036 (0xFF00423C)
YUV	45.5820, 7.1081, -39.9754
Hunter-Lab	20.5491, -11.9531, 0.1186

Details

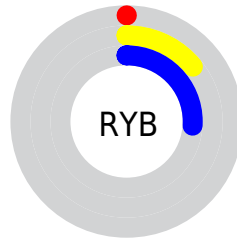
The HunterLab color **20.5491, -11.9531, 0.1186** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **10.8236, 18.6559, 6.0517**, and the grayscale version is **16.3776, -0.8739, 0.8898**.

A 20% lighter version of the original color is **37.4513, -15.6148, 0.7828**, and **8.3483, -5.2911, 0.9873** is the 20% darker color. If you saturate the color by 10%, you get **20.5494, -11.9534, 0.1189**, and if you desaturate by 10%, it is **20.6683, -11.4478, 0.0319**.

Distribution



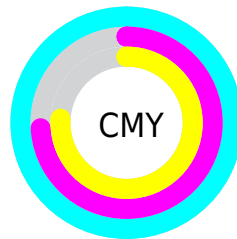
- Red (0%)
- Green (26%)
- Blue (24%)



- Red (0%)
- Yellow (14%)
- Blue (26%)



- Cyan (100%)
- Magenta (0%)
- Yellow (9%)
- Black (74%)



- Cyan (100%)
- Magenta (74%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.5491, -11.9531, 0.1186 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 20.5491, -11.9531, 0.1186 by changing the saturation by 10% instead.

■ 20.5491, -11.9531,
0.1186

■ 20.5491, -11.9531,
0.1186

■ 119.1800,
-27.5522, 4.7211

■ 13.4126, -9.7618,
-0.1441

■ 37.5675, -15.8216,
0.8323

■ 6.9752, -12.2065,
-0.6349

■ 47.2742, -17.6106,
1.2672

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.6972, -19.3412,
1.7473

0.0000, NaN, NaN

■ 68.7904, -21.0298,
2.2690

0.0000, NaN, NaN

■ 80.5156, -22.6879,
2.8294


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 92.8402, -24.3238,


3.4262


0.0000, NaN, NaN


 105.7364,
-25.9437, 4.0573


 20.5491, -11.9531,
0.1186


 20.5491, -11.9531,
0.1186


 20.5494, -11.9534,
0.1189

 20.6683, -11.4478,
0.0319

 20.7912, -10.9293,
-0.0506

 20.9495, -10.2754,
-0.0880

 21.1512, -9.4588,
-0.0697

 21.3982, -8.4773,
0.0067

■ 21.6919, -7.3322,
0.1426

■ 22.0331, -6.0281,
0.3379

■ 22.4220, -4.5723,
0.5920

■ 22.8584, -2.9743,
0.9029

Harmonies

Analogous

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



20.5495, -11.0646, 5.4953



20.5491, -11.9531, 0.1186



20.5495, -10.2362, -6.7207

Triad

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



20.5495, -11.9532, 0.1189



20.5495, 6.3849, -10.9641



20.5495, 4.3947, 9.1261

Complementary

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



20.5491, -11.9531, 0.1186



10.8236, 18.6559, 6.0517

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.



20.5495, 9.9834, 6.7275



20.5491, -11.9531, 0.1186



20.5495, 11.2272, -4.5006

Square

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



20.5495, -11.9532, 0.1189



20.5495, -0.0619, -14.2476



20.5495, 12.6181, 2.0704



20.5495, -2.1131, 9.6830

Rectangle

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



20.5491, -11.9531, 0.1186



20.5495, -7.7053, -10.8898



20.5495, 12.6181, 2.0704



20.5495, 6.4675, 8.5540

Sweetspot

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



20.5495, -11.9532, 0.1189



28.9751, -8.1820, 0.4071



19.8473, -16.4673, 11.9413



14.7081, -4.3156, 0.1834



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.



20.5495, -11.9532, 0.1189



27.0735, -15.8068, 0.2828



13.7268, -1.5401, -13.8320



12.1596, -1.4463, 0.5057



30.3924, -17.7678, 0.3677



76.0829, -44.7852, 1.5815

Inverse Universe

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



10.8236, 18.6559, 6.0517



14.2447, 24.5157, 8.2645



13.8384, 9.6451, 8.6957



11.5778, 0.2163, 0.8010



15.9850, 27.4956, 9.3928



39.9540, 68.5525, 24.8094

Previews

White Background



This preview shows how the HunterLab color 20.5491, -11.9531, 0.1186 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

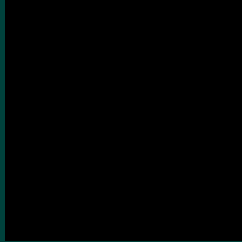
Any Text WCAG AA × Fail

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 20.5491, -11.9531, 0.1186 Background



This preview shows how black text looks on a background with the HunterLab color 20.5491, -11.9531, 0.1186.



This preview shows how white text looks on a background with the HunterLab color 20.5491,

-11.9531, 0.1186.

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

20.5491, -11.9531, 0.1186

Protanopia

20.6695, -0.8479, 1.9896

Deuteranopia

20.7321, 0.9068, -0.2425



Tritanopia

20.8157, -8.9055, -3.8335

Trichromacy



Original Color

20.5491, -11.9531, 0.1186

Protanomaly

20.1121, -6.7368, 0.8637

Deuteranomaly

19.9999, -5.5931, -0.8620

Tritanomaly

20.5875, -10.0274, -2.3333

Monochromacy



Original Color

20.5491, -11.9531, 0.1186

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

17.4540, -6.2318, 0.0069

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.5491, -11.9531, 0.1186 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(0, 66, 60)` looks like.

```
.text, #text, p{  
    color:rgb(0, 66, 60)  
}
```

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(0, 66, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 66, 60) }
```

Border

The CSS property to change the border of an element to HunterLab 20.5491, -11.9531, 0.1186 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(0, 66, 60) }
```


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

```
.border{ border-color:rgb(0, 66, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 66, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 66, 60); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 66, 60); box-shadow:4px  
4px 4px 4px rgb(0, 66, 60) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.5491, -11.9531, 0.1186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 66, 60) }
```

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

```
.background{ background-color: rgb(0, 66,  
60) }
```

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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