

Converting Colors

HunterLab(20.3723, -11.3040,
5.0251)

Have a look what the booklet for
HunterLab(20.3723, -11.3040,
5.0251) contains.

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Color

**HunterLab(20.4687,
-11.4900, 5.2203)**

Conversions

Conversions Part 1

Format	Color
Hex	1A412D
RGB	26, 65, 45
RGB Percent	10%, 25%, 18%
CMY	0.8980, 0.7451, 0.8235
CMYK	0.60, 0.00, 0.31, 0.75
HSL	149°, 43%, 18%
HSV	149°, 60%, 25%
XYZ	2.7900, 4.1897, 3.1443
YIQ	51.0590, -16.8240, -14.4880

Conversions

Conversions Part 2

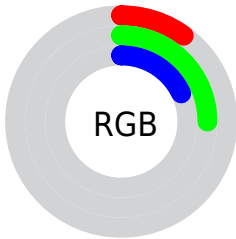
Format	Color
R_{YB}	26, 52, 65
Decimal	1720621
CIE _{Lab}	24.29, -19.42, 8.10
CIE _{LCh}	24, 21.045, 157.351
Yxy	4.1898, 0.2756, 0.4138
Android (android.graphics.Color)	4279910701 (0xFF1A412D)
YUV	51.0590, -2.9871, -21.9767
Hunter-Lab	20.4687, -11.4900, 5.2203

Details

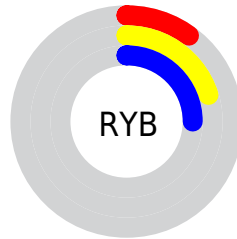
The HunterLab color **20.4687, -11.4900, 5.2203** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **14.3526, 12.7238, -1.6115**, and the grayscale version is **18.2287, -0.9726, 0.9904**.

A 20% lighter version of the original color is **37.3926, -15.1172, 7.0829**, and **8.0825, -6.9307, 4.8591** is the 20% darker color. If you saturate the color by 10%, you get **20.2215, -12.6063, 5.9082**, and if you desaturate by 10%, it is **20.7656, -10.1895, 4.5296**.

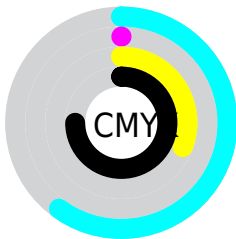
Distribution



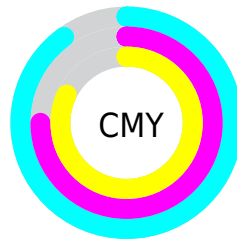
- Red (10%)
- Green (25%)
- Blue (18%)



- Red (10%)
- Yellow (20%)
- Blue (25%)



- Cyan (60%)
- Magenta (0%)
- Yellow (31%)
- Black (75%)



- Cyan (90%)
- Magenta (75%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.4687, -11.4900, 5.2203 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 20.4687, -11.4900, 5.2203 by changing the saturation by 10% instead.

■ 20.4687, -11.4900,
5.2203

■ 20.4687, -11.4900,
5.2203

■ 119.0355,
-26.5942, 14.4999

■ 13.3429, -9.3869,
4.1463

■ 37.4692, -15.2155,
7.2675

■ 6.8910, -12.0593,
4.8237

■ 47.1680, -16.9435,
8.2768

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.5838, -18.6178,
9.2885

0.0000, NaN, NaN

■ 68.6702, -20.2541,
10.3072

0.0000, NaN, NaN

■ 80.3888, -21.8629,
11.3359


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 92.7072, -23.4523,


12.3768


0.0000, NaN, NaN


 105.5976,
-25.0279, 13.4311


 20.4687, -11.4900,
5.2203


 20.4687, -11.4900,
5.2203


 20.2215, -12.6063,
5.9082


 20.7656, -10.1895,
4.5296


 20.0211, -13.5357,
6.5855


 21.1118, -8.7101,
3.8424


 19.8596, -14.3054,
7.2397

 21.5080, -7.0614,
3.1653

 19.7059, -15.0412,
7.8390

 21.9540, -5.2554,
2.5043

 19.7059, -15.0412,
7.8390

 22.4490, -3.3056,
1.8642

■ 22.9920, -1.2267,
1.2492

■ 23.5815, 0.9666,
0.6625

■ 24.2159, 3.2596,
0.1065

■ 24.8935, 5.6387,
-0.4172

Harmonies

Analogous

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



20.4691, -8.2035, 8.5467



20.4687, -11.4900, 5.2203



20.4691, -12.1700, -0.4827

Triad

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



20.4691, -11.4902, 5.2205



20.4691, 0.5472, -14.7344



20.4691, 9.9407, 7.1433

Complementary

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



20.4687, -11.4900, 5.2203



14.3526, 12.7238, -1.6115

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.



20.4691, 12.9933, 2.5920



20.4687, -11.4900, 5.2203



20.4691, 7.1432, -10.9167

Square

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



20.4691, -11.4902, 5.2205



20.4691, -5.7317, -13.3572



20.4691, 11.9098, -4.0712



20.4691, 3.9989, 9.3878

Rectangle

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



20.4687, -11.4900, 5.2203



20.4691, -11.1433, -5.2072



20.4691, 11.9098, -4.0712



20.4691, 11.3708, 5.8996

Sweetspot

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



20.4691, -11.4902, 5.2205



28.5594, -6.5139, 3.1443



21.0706, -9.6768, 10.0641



14.9437, -3.6056, 1.7147



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.



20.4691, -11.4902, 5.2205



26.0971, -16.9922, 8.1097



20.9154, -8.8496, -1.1659



12.1281, -1.6210, 0.9546



29.5598, -22.8486, 12.3764



73.9173, -58.0179, 32.8539

Inverse Universe

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



14.3526, 12.7238, -1.6115



16.7315, 20.5215, -1.9763



13.9292, 10.7788, 4.4478



11.6095, 0.3871, 0.3498



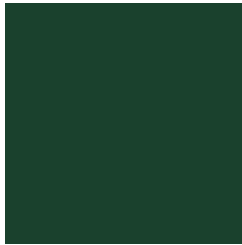
16.6239, 29.8383, 0.1269



41.4136, 73.9153, 3.5581

Previews

White Background



This preview shows how the HunterLab color 20.4687, -11.4900, 5.2203 looks on a white background.

Color Contrast Check

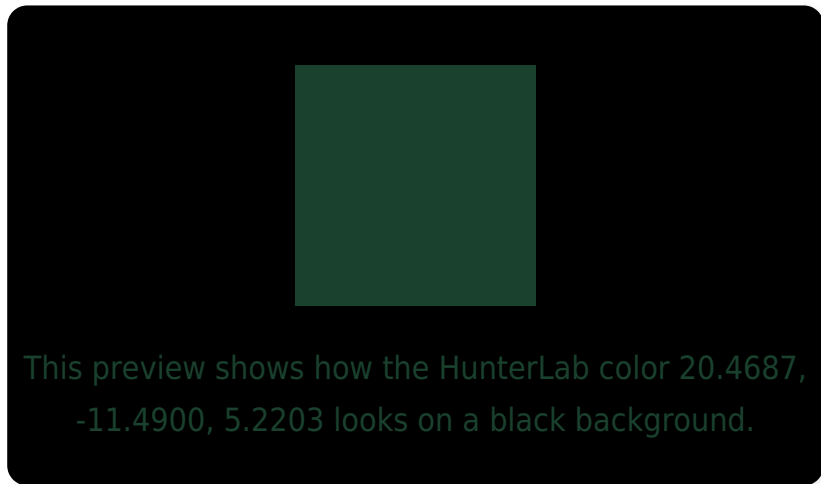
Large Text (above 18pt) WCAG AA ✓ Pass

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

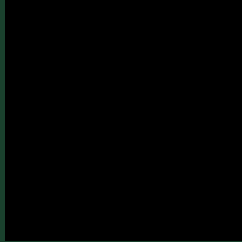
Any Text WCAG AA × Fail

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 20.4687, -11.4900, 5.2203 Background



This preview shows how black text looks on a background with the HunterLab color 20.4687, -11.4900, 5.2203.



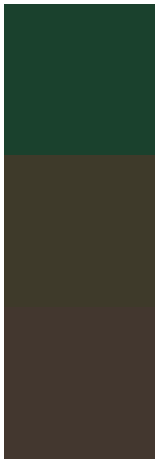
This preview shows how white text looks on a background with the HunterLab color 20.4687,

-11.4900, 5.2203.

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

20.4687, -11.4900, 5.2203

Protanopia

20.5363, -1.8873, 6.2972

Deuteranopia

20.3246, 1.2656, 4.7009



Tritanopia

20.4300, -6.3698, -2.9334

Trichromacy



Original Color

20.4687, -11.4900, 5.2203

Protanomaly

20.4080, -6.2258, 5.8264

Deuteranomaly

20.1377, -4.4538, 4.7206

Tritanomaly

20.3637, -8.4426, 0.3532

Monochromacy



Original Color

20.4687, -11.4900, 5.2203

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

18.8211, -5.2113, 2.3526

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.4687, -11.4900, 5.2203 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(26, 65, 45)` looks like.

```
.text, #text, p{  
    color:rgb(26, 65, 45)  
}
```

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(26, 65, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 65, 45) }
```

Border

The CSS property to change the border of an element to HunterLab 20.4687, -11.4900, 5.2203 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(26, 65, 45) }
```


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

```
.border{ border-color:rgb(26, 65, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 65, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 65, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 65, 45);  
box-shadow:4px 4px 4px 4px rgb(26, 65, 45)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.4687, -11.4900, 5.2203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 65, 45) }
```

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

```
.background{ background-color: rgb(26, 65,  
45) }
```

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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