

Converting Colors

HunterLab(20.5629, -11.3942,
6.5725)

Have a look what the booklet for
HunterLab(20.5629, -11.3942,
6.5725) contains.

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Color

**HunterLab(20.5178,
-11.4710, 6.6412)**

Conversions

Conversions Part 1

Format	Color
Hex	1E4128
RGB	30, 65, 40
RGB Percent	12%, 25%, 16%
CMY	0.8824, 0.7451, 0.8431
CMYK	0.54, 0.00, 0.38, 0.75
HSL	137°, 37%, 19%
HSV	137°, 54%, 25%
XYZ	2.8087, 4.2098, 2.6720
YIQ	51.6850, -12.8350, -15.1950

Conversions

Conversions Part 2

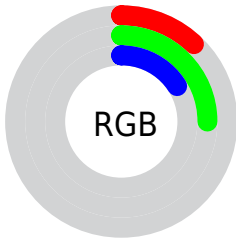
Format	Color
RYB	30, 57, 65
Decimal	1982760
CIELab	24.35, -19.35, 11.46
CIELCh	24, 22.490, 149.380
Yxy	4.2100, 0.2898, 0.4344
Android (android.graphics.Color)	4280172840 (0xFF1E4128)
YUV	51.6850, -5.7607, -19.0177
Hunter-Lab	20.5178, -11.4710, 6.6412




Details

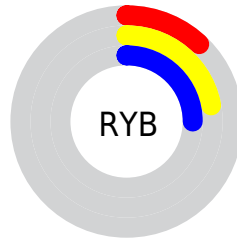
The HunterLab color **20.5178, -11.4710, 6.6412** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **15.2587, 12.2987, -4.4274**, and the grayscale version is **18.4472, -0.9843, 1.0023**.




A 20% lighter version of the original color is **37.4752, -15.0666, 9.2311**, and **8.0825, -6.9307, 4.8591** is the 20% darker color. If you saturate the color by 10%, you get **20.2296, -12.7777, 7.4993**, and if you desaturate by 10%, it is **20.8605, -9.9596, 5.7255**.

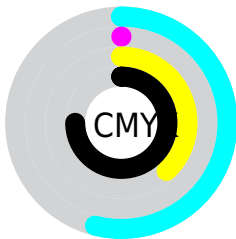
Distribution







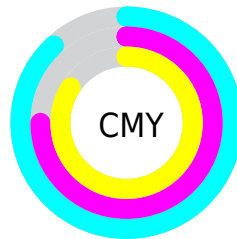
-  Red (12%)
-  Green (25%)
-  Blue (16%)






-  Red (12%)
-  Yellow (22%)
-  Blue (25%)



-  Cyan (54%)
-  Magenta (0%)
-  Yellow (38%)
-  Black (75%)



-  Cyan (88%)
-  Magenta (75%)
-  Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.5178, -11.4710, 6.6412 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 20.5178, -11.4710, 6.6412 by changing the saturation by 10% instead.

■ 20.5178, -11.4710,
6.6412

■ 20.5178, -11.4710,
6.6412

■ 119.1238,
-26.5368, 17.6541

■ 13.3854, -9.3759,
5.2534

■ 37.5293, -15.1847,
9.1956

■ 6.9426, -12.1495,
4.8598

■ 47.2329, -16.9078,
10.4196

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.6531, -18.5778,
11.6282

0.0000, NaN, NaN

■ 68.7437, -20.2101,
12.8296

0.0000, NaN, NaN

■ 80.4663, -21.8153,
14.0295

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.7885, -23.4012,

105.6824,
-24.9735, 16.4393

20.5178, -11.4710,
6.6412

20.5178, -11.4710,
6.6412

20.2296, -12.7777,
7.4993

20.8605, -9.9596,
5.7255

19.9934, -13.8727,
8.2909

21.2568, -8.2530,
4.7604

19.8076, -14.7556,
9.0092

21.7070, -6.3650,
3.7554

19.6527, -15.5020,
9.6348

22.2101, -4.3114,
2.7192

19.5609, -15.9419,
9.9645

22.7650, -2.1095,
1.6606

■ 23.3701, 0.2234,
0.5874

■ 24.0236, 2.6701,
-0.4935

■ 24.7235, 5.2141,
-1.5761

■ 25.4676, 7.8405,
-2.6552

Harmonies

Analogous

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



20.5182, -7.3093, 9.4532



20.5178, -11.4710, 6.6412



20.5182, -12.9279, 1.2553

Triad

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



20.5182, -11.4713, 6.6414



20.5182, -1.2418, -16.3268



20.5182, 12.0462, 6.4722

Complementary

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



20.5178, -11.4710, 6.6412



15.2587, 12.2987, -4.4274

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.



20.5182, 14.2276, 0.9774



20.5178, -11.4710, 6.6412



20.5182, 5.9580, -13.5252

Square

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



20.5182, -11.4713, 6.6414



20.5182, -7.5306, -13.2976



20.5182, 11.8656, -6.5621



20.5182, 6.2447, 9.3812

Rectangle

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



20.5178, -11.4710, 6.6412



20.5182, -12.3435, -3.6192



20.5182, 11.8656, -6.5621



20.5182, 13.2592, 4.9385

Sweetspot

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



20.5182, -11.4713, 6.6414



28.6240, -6.3675, 3.9114



21.6543, -7.3550, 9.8513



14.9972, -3.4527, 2.1083



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.



20.5182, -11.4713, 6.6414



26.1187, -17.1632, 10.1398



20.8719, -9.3744, 1.5453



12.1136, -1.7021, 1.1631



29.3484, -24.1646, 15.4816



73.4153, -61.1473, 40.2368

Inverse Universe

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



15.2587, 12.2987, -4.4274



17.9348, 20.1645, -6.9525



14.7977, 10.1417, 2.0888



11.6251, 0.4710, 0.1282



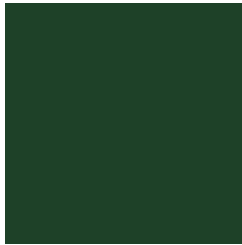
17.2286, 32.0139, -8.3197



42.9644, 79.5085, -18.2106

Previews

White Background



This preview shows how the HunterLab color 20.5178, -11.4710, 6.6412 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

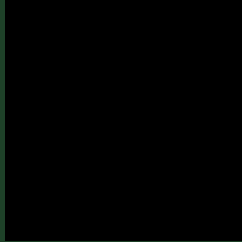
Any Text WCAG AA × Fail

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 20.5178, -11.4710, 6.6412 Background



This preview shows how black text looks on a background with the HunterLab color 20.5178, -11.4710, 6.6412.



This preview shows how white text looks on a background with the HunterLab color 20.5178,

-11.4710, 6.6412.

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

20.5178, -11.4710, 6.6412

Protanopia

20.5340, -2.0592, 7.5632

Deuteranopia

20.3187, 1.0583, 6.1469



Tritanopia

20.6005, -5.7353, -2.6896

Trichromacy



Original Color

20.5178, -11.4710, 6.6412

Protanomaly

20.4481, -6.2452, 7.1737

Deuteranomaly

20.1799, -4.4839, 6.1927

Tritanomaly

20.4707, -8.1323, 1.2602

Monochromacy



Original Color

20.5178, -11.4710, 6.6412

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

19.1706, -5.2862, 3.0720

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.5178, -11.4710, 6.6412 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(30, 65, 40)` looks like.

```
.text, #text, p{  
    color:rgb(30, 65, 40)  
}
```

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(30, 65, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 65, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 20.5178, -11.4710, 6.6412 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(30, 65, 40) }
```


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

```
.border{ border-color:rgb(30, 65, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 65, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 65, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 65, 40);  
box-shadow:4px 4px 4px 4px rgb(30, 65, 40)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.5178, -11.4710, 6.6412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 65, 40) }
```

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

```
.background{ background-color: rgb(30, 65,  
40) }
```

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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