

Converting Colors

HunterLab(19.9557, -11.7307,
4.6670)

Have a look what the booklet for
HunterLab(19.9557, -11.7307,
4.6670) contains.

HunterLab(20.0124, -11.8710, 4.7686)	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(20.0124,
-11.8710, 4.7686)**

Conversions

Conversions Part 1

Format	Color
Hex	14402D
RGB	20, 64, 45
RGB Percent	8%, 25%, 18%
CMY	0.9216, 0.7490, 0.8235
CMYK	0.69, 0.00, 0.30, 0.75
HSL	154°, 52%, 16%
HSV	154°, 69%, 25%
XYZ	2.5955, 4.0050, 3.1188
YIQ	48.6780, -20.1250, -15.2370

Conversions

Conversions Part 2

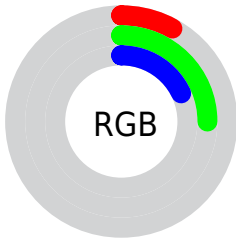
Format	Color
R_{YB}	20, 48, 64
Decimal	1327149
CIE Lab	23.69, -20.50, 7.23
CIE LCh	24, 21.739, 160.564
Yxy	4.0051, 0.2670, 0.4121
Android (android.graphics.Color)	4279517229 (0xFF14402D)
YUV	48.6780, -1.8133, -25.1506
Hunter-Lab	20.0124, -11.8710, 4.7686

Details

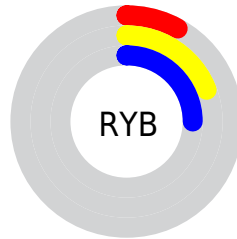
The HunterLab color **20.0124, -11.8710, 4.7686** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **13.1790, 13.9239, -0.2712**, and the grayscale version is **17.4288, -0.9300, 0.9469**.

A 20% lighter version of the original color is **36.8410, -15.6987, 6.4979**, and **7.3235, -6.2799, 4.4027** is the 20% darker color. If you saturate the color by 10%, you get **19.8141, -12.7781, 5.3644**, and if you desaturate by 10%, it is **20.2566, -10.7896, 4.1830**.

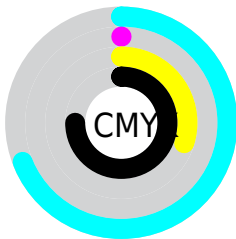
Distribution



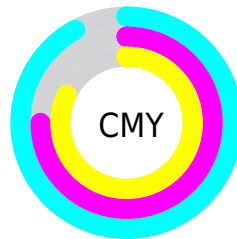
- Red (8%)
- Green (25%)
- Blue (18%)



- Red (8%)
- Yellow (19%)
- Blue (25%)



- Cyan (69%)
- Magenta (0%)
- Yellow (30%)
- Black (75%)



- Cyan (92%)
- Magenta (75%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.0124, -11.8710, 4.7686 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 20.0124, -11.8710, 4.7686 by changing the saturation by 10% instead.

■ 20.0124, -11.8710,
4.7686

■ 20.0124, -11.8710,
4.7686

■ 118.2128,
-27.5802, 13.6042

■ 12.9477, -9.6480,
3.7713

■ 36.9103, -15.7799,
6.6889

■ 6.3900, -11.1826,
4.4730

■ 46.5643, -17.5833,
7.6437

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.9384, -19.3261,
8.6048

0.0000, NaN, NaN

■ 67.9856, -21.0252,
9.5764

0.0000, NaN, NaN

■ 79.6672, -22.6927,
10.5607

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.9505, -24.3370,

11.5595

0.0000, NaN, NaN

■ 104.8072,
-25.9645, 12.5737

■ 20.0124, -11.8710,
4.7686

■ 20.0124, -11.8710,
4.7686

■ 19.8141, -12.7781,
5.3644

■ 20.2566, -10.7896,
4.1830

■ 19.6546, -13.5283,
5.9593

■ 20.5472, -9.5351,
3.6133

■ 19.5034, -14.2445,
6.5203

■ 20.8852, -8.1131,
3.0655

■ 19.4847, -14.3334,
6.5876

■ 21.2711, -6.5324,
2.5445

■ 21.7047, -4.8037,
2.0545

■ 22.1851, -2.9397,
1.5988

■ 22.7115, -0.9536,
1.1799

■ 23.2825, 1.1409,
0.7995

■ 23.8966, 3.3303,
0.4584

Harmonies

Analogous

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



20.0128, -8.8101, 8.3677



20.0124, -11.8710, 4.7686



20.0128, -12.2703, -1.3023

Triad

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



20.0128, -11.8712, 4.7688



20.0128, 1.3600, -15.1895



20.0128, 9.7444, 7.5565

Complementary

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



20.0124, -11.8710, 4.7686



13.1790, 13.9239, -0.2712

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.



20.0128, 13.3118, 3.2180



20.0124, -11.8710, 4.7686



20.0128, 8.0636, -10.7042

Square

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



20.0128, -11.8712, 4.7688



20.0128, -5.1965, -14.3488



20.0128, 12.6590, -3.4564



20.0128, 3.4230, 9.5698

Rectangle

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



20.0124, -11.8710, 4.7686



20.0128, -11.0396, -6.2382



20.0128, 12.6590, -3.4564



20.0128, 11.3410, 6.3938

Sweetspot

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



20.0128, -11.8712, 4.7688



28.4041, -7.0762, 2.9080



20.3718, -11.1254, 10.4320



14.8760, -3.8451, 1.5628



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.



20.0128, -11.8712, 4.7688



25.9546, -17.5290, 7.6142



19.6561, -8.1872, -2.6627



12.1341, -1.5879, 0.8697



29.6771, -22.1235, 10.6645



74.2104, -56.2015, 28.5663

Inverse Universe

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



13.1790, 13.9239, -0.2712



15.5775, 22.1851, 0.5593



13.2315, 11.1892, 5.3833



11.6033, 0.3538, 0.4377



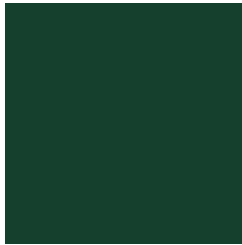
16.4376, 29.1601, 2.7909



40.9543, 72.2383, 10.1625

Previews

White Background



This preview shows how the HunterLab color 20.0124, -11.8710, 4.7686 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

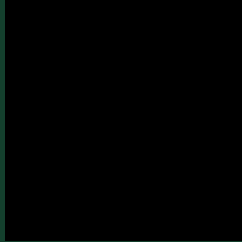
Any Text WCAG AA × Fail

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 20.0124, -11.8710, 4.7686 Background



This preview shows how black text looks on a background with the HunterLab color 20.0124, -11.8710, 4.7686.



This preview shows how white text looks on a background with the HunterLab color 20.0124,

-11.8710, 4.7686.

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

20.0124, -11.8710, 4.7686

Protanopia

19.8901, -1.6426, 5.6979

Deuteranopia

19.9183, 1.0990, 4.2876



Tritanopia

19.9442, -6.8800, -3.1535

Trichromacy



Original Color

20.0124, -11.8710, 4.7686

Protanomaly

19.6475, -6.3809, 5.0981

Deuteranomaly

19.6884, -4.7825, 4.2644

Tritanomaly

19.8932, -8.9062, 0.1717

Monochromacy



Original Color

20.0124, -11.8710, 4.7686

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

18.0660, -5.4126, 1.8604

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.0124, -11.8710, 4.7686 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(20, 64, 45)` looks like.

```
.text, #text, p{  
    color:rgb(20, 64, 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(20, 64, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 64, 45) }
```

Border

The CSS property to change the border of an element to HunterLab 20.0124, -11.8710, 4.7686 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(20, 64, 45) }
```


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

```
.border{ border-color:rgb(20, 64, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 64, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 64, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 64, 45);  
box-shadow:4px 4px 4px 4px rgb(20, 64, 45)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.0124, -11.8710, 4.7686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 64, 45) }
```

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

```
.background{ background-color: rgb(20, 64,  
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](#).

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