

Converting Colors

HunterLab(19.9758, -12.3691,
10.2470)

Have a look what the booklet for
HunterLab(19.9758, -12.3691,
10.2470) contains.

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Color

**HunterLab(20.0521,
-12.4219, 10.3169)**

Conversions

Conversions Part 1

Format	Color
Hex	204013
RGB	32, 64, 19
RGB Percent	13%, 25%, 7%
CMY	0.8745, 0.7490, 0.9255
CMYK	0.50, 0.00, 0.70, 0.75
HSL	103°, 54%, 16%
HSV	103°, 70%, 25%
XYZ	2.5466, 4.0209, 1.2580
YIQ	49.3020, -4.6270, -20.7790

Conversions

Conversions Part 2

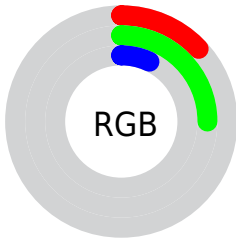
Format	Color
R_{YB}	19, 64, 51
Decimal	2113555
CIE _{Lab}	23.74, -21.68, 23.30
CIE _{LCh}	24, 31.829, 132.931
Yxy	4.0210, 0.3254, 0.5138
Android (android.graphics.Color)	4280303635 (0xFF204013)
YUV	49.3020, -14.9389, -15.1739
Hunter-Lab	20.0521, -12.4219, 10.3169

Details

The HunterLab color $[20.0521, -12.4219, 10.3169]$ is a dark color, and the websafe version is hex 003300 . A complement of this color would be $[12.4090, 14.5870, -15.2747]$, and the grayscale version is $[17.6758, -0.9431, 0.9604]$.

A 20% lighter version of the original color is $[36.9063, -16.4911, 14.6605]$, and $[7.5751, -6.4956, 4.5540]$ is the 20% darker color. If you saturate the color by 10%, you get $[19.8347, -13.4046, 10.8891]$, and if you desaturate by 10%, it is $[20.3075, -11.2759, 9.5640]$.

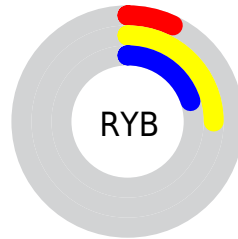
Distribution



Red (13%)

Green (25%)

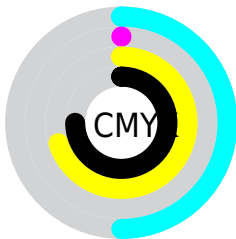
Blue (7%)



Red (7%)

Yellow (25%)

Blue (20%)

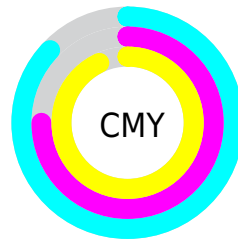


Cyan (50%)

Magenta (0%)

Yellow (70%)

Black (75%)



Cyan (87%)

Magenta (75%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.0521, -12.4219, 10.3169 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 20.0521, -12.4219, 10.3169 by changing the saturation by 10% instead.

■ 20.0521, -12.4219,
10.3169

■ 20.0521, -12.4219,
10.3169

■ 118.2846,
-28.7637, 27.9045

■ 12.9821, -10.0845,
8.9639

■ 36.9590, -16.5154,
14.8188

■ 6.4354, -11.2619,
4.5047

■ 46.6170, -18.3970,
16.8631

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.9947, -20.2116,
18.8204

0.0000, NaN, NaN

■ 68.0454, -21.9775,
20.7133

0.0000, NaN, NaN

■ 79.7302, -23.7075,
22.5578

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.0165, -25.4109,

■ 104.8761,
-27.0945, 26.1457

■ 20.0521, -12.4219,
10.3169

■ 20.0521, -12.4219,
10.3169

■ 19.8347, -13.4046,
10.8891

■ 20.3075, -11.2759,
9.5640

■ 19.6506, -14.2370,
11.3221

■ 20.6002, -9.9684,
8.6269

■ 19.4943, -14.9584,
11.7504

■ 20.9309, -8.5054,
7.5059

■ 21.2995, -6.8946,
6.2046

■ 21.7056, -5.1452,
4.7291

■ 22.1487, -3.2674,
3.0874

■ 22.6277, -1.2721,
1.2886

■ 23.1419, 0.8297,
-0.6567

■ 23.6900, 3.0268,
-2.7379

Harmonies

Analogous

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



20.0525, -5.1409, 11.9881



20.0521, -12.4219, 10.3169



20.0525, -16.1706, 5.6975

Triad

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



20.0525, -12.4223, 10.3170



20.0525, -6.3394, -24.9461



20.0525, 20.9619, 4.7235

Complementary

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



20.0521, -12.4219, 10.3169



12.4090, 14.5870, -15.2747

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.



20.0525, 20.4690, -4.9585



20.0521, -12.4219, 10.3169



20.0525, 3.3518, -25.6534

Square

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



20.0525, -12.4223, 10.3170



20.0525, -13.1529, -15.4940



20.0525, 13.5498, -17.1189



20.0525, 14.7889, 9.9014

Rectangle

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



20.0521, -12.4219, 10.3169



20.0525, -16.7135, 0.1469



20.0525, 13.5498, -17.1189



20.0525, 21.6006, 1.9923

Sweetspot

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



20.0525, -12.4223, 10.3170



28.5039, -7.1665, 6.5628



18.6047, 0.0063, 9.5007



14.9301, -3.8955, 3.5589



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.



20.0525, -12.4223, 10.3170



25.9467, -18.4841, 14.7583



19.7212, -13.5887, 8.6111



12.1534, -1.6005, 1.5224



29.6271, -23.2649, 17.8488



73.9218, -59.5020, 44.5086

Inverse Universe

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



12.4090, 14.5870, -15.2747



14.2243, 23.4583, -25.9138



13.5339, 16.3703, -7.2089



11.5803, 0.3646, -0.2812



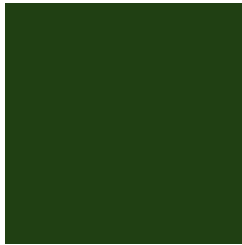
14.5709, 30.8633, -36.4001



35.8244, 76.4334, -93.7718

Previews

White Background



This preview shows how the HunterLab color 20.0521, -12.4219, 10.3169 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

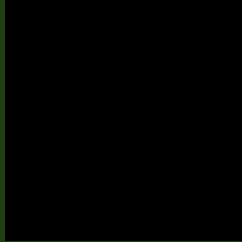
Any Text WCAG AA × Fail

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 20.0521, -12.4219, 10.3169 Background



This preview shows how black text looks on a background with the HunterLab color 20.0521, -12.4219, 10.3169.



This preview shows how white text looks on a background with the HunterLab color 20.0521,

-12.4219, 10.3169.

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

20.0521, -12.4219, 10.3169

Protanopia

20.0586, -2.9401, 10.7410

Deuteranopia

20.0057, 0.6763, 9.9369



Tritanopia

20.1606, -4.7787, -2.3683

Trichromacy



Original Color

20.0521, -12.4219, 10.3169

Protanomaly

20.0136, -7.0076, 10.5143

Deuteranomaly

19.8111, -5.0373, 9.8476

Tritanomaly

19.8600, -8.1041, 3.7477

Monochromacy



Original Color

20.0521, -12.4219, 10.3169

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

18.1435, -5.5295, 5.0908

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.0521, -12.4219, 10.3169 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(32, 64, 19)` looks like.

```
.text, #text, p{  
    color:rgb(32, 64, 19)  
}
```

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(32, 64, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 64, 19) }
```

Border

The CSS property to change the border of an element to HunterLab 20.0521, -12.4219, 10.3169 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(32, 64, 19) }
```


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

```
.border{ border-color:rgb(32, 64, 19) }
```

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

Here you see how a box with a 4 pixel rgb(32, 64, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 64, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 64, 19);  
box-shadow:4px 4px 4px 4px rgb(32, 64, 19)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.0521, -12.4219, 10.3169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 64, 19) }
```

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

```
.background{ background-color: rgb(32, 64,  
19) }
```

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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