

Converting Colors

HunterLab(20.1247, 3.4034,
-12.2726)

Have a look what the booklet for
HunterLab(20.1247, 3.4034,
-12.2726) contains.

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Color

**HunterLab(20.0212, 3.6169,
-12.4381)**

Conversions

Conversions Part 1

Format	Color
Hex	343654
RGB	52, 54, 84
RGB Percent	20%, 21%, 33%
CMY	0.7961, 0.7882, 0.6706
CMYK	0.38, 0.36, 0.00, 0.67
HSL	236°, 24%, 27%
HSV	236°, 38%, 33%
XYZ	4.3356, 4.0085, 8.9327
YIQ	56.8220, -10.8220, 8.9060

Conversions

Conversions Part 2

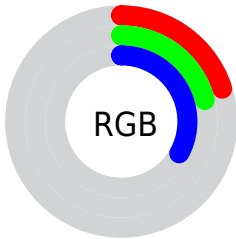
Format	Color
R_{YB}	52, 54, 84
Decimal	3421780
CIE Lab	23.70, 7.53, -18.46
CIE LCh	24, 19.934, 292.203
Yxy	4.0086, 0.2510, 0.2320
Android (android.graphics.Color)	4281611860 (0xFF343654)
YUV	56.8220, 13.3988, -4.2289
Hunter-Lab	20.0212, 3.6169, -12.4381

Details

The HunterLab color **20.0212, 3.6169, -12.4381** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **28.5788, -4.4591, 10.7916**, and the grayscale version is **20.1254, -1.0738, 1.0935**.

A 20% lighter version of the original color is **37.0647, 3.5818, -13.1768**, and **6.4435, 4.6496, -13.6100** is the 20% darker color. If you saturate the color by 10%, you get **17.6936, 5.3931, -17.1090**, and if you desaturate by 10%, it is **22.4613, 2.0486, -8.2638**.

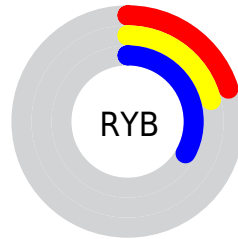
Distribution



 Red (20%)

 Green (21%)

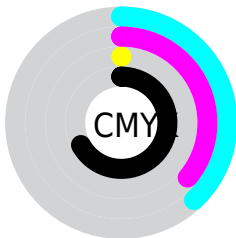
 Blue (33%)



 Red (20%)

 Yellow (21%)

 Blue (33%)

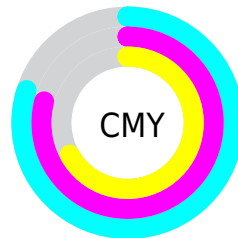


 Cyan (38%)

 Magenta (36%)

 Yellow (0%)

 Black (67%)



 Cyan (80%)

 Magenta (79%)

 Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.0212, 3.6169, -12.4381 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 20.0212, 3.6169, -12.4381 by changing the saturation by 10% instead.

■ 20.0212, 3.6169,
-12.4381

■ 20.0212, 3.6169,
-12.4381

■ 118.2287, 1.9030,
-14.0644

■ 12.9553, 3.4207,
-11.9885

■ 36.9211, 3.6914,
-13.2474

■ 6.4001, 4.7867,
-13.6828

■ 46.5760, 3.6063,
-13.5543

0.0000, NaN, -NF

■ 56.9509, 3.4544,
-13.7923

0.0000, NaN, NaN

■ 67.9988, 3.2431,
-13.9642

0.0000, NaN, NaN

■ 79.6811, 2.9782,
-14.0736

0.0000, NaN, NaN

■ 91.9650, 2.6642,

0.0000, NaN, NaN

-14.1245

0.0000, NaN, NaN

104.8224, 2.3047,
-14.1204

■ 20.0212, 3.6169,
-12.4381

■ 20.0212, 3.6169,
-12.4381

■ 17.6936, 5.3931,
-17.1090

■ 22.4613, 2.0486,
-8.2638

■ 15.5025, 7.4295,
-22.3959

■ 24.9947, 0.6444,
-4.4833

■ 13.4837, 9.7751,
-28.4019

■ 27.6082, -0.6313,
-1.0117

■ 11.6865, 12.4465,
-35.1342

■ 30.2918, -1.8059,
2.2171

■ 10.1774, 15.3557,
-42.3228

■ 33.0376, -2.9005,
5.2544

■ 8.9273, 18.2396,
-49.8850

■ 35.8396, -3.9313,
8.1396

■ 8.6836, 18.8695,
-51.5876

■ 38.6925, -4.9110,
10.9036

■ 41.5925, -5.8492,
13.5703

■ 44.5361, -6.7538,
16.1585

Harmonies

Analogous

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



20.0216, -2.6546, -13.6367



20.0212, 3.6169, -12.4381



20.0216, 9.2006, -7.1397

Triad

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



20.0216, 3.6168, -12.4376



20.0216, 6.7377, 8.1170



20.0216, -11.5253, 2.5621

Complementary

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



20.0212, 3.6169, -12.4381



28.5788, -4.4591, 10.7916

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.



20.0216, -9.6126, 6.8489



20.0212, 3.6169, -12.4381



20.0216, 0.5667, 9.3602

Square

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



20.0216, 3.6168, -12.4376



20.0216, 11.1492, 4.9047



20.0216, -5.3606, 8.9793



20.0216, -10.9173, -3.6642

Rectangle

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



20.0212, 3.6169, -12.4381



20.0216, 11.5333, -2.6781



20.0216, -5.3606, 8.9793



20.0216, -11.1648, 4.2433

Sweetspot

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



20.0216, 3.6168, -12.4376



35.3434, -0.2964, -2.8063



27.7091, -9.1661, -0.1102



17.7577, -0.0864, -1.5940



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



20.0216, 3.6168, -12.4376



23.5357, 7.0029, -22.2857



20.6152, 7.7895, -11.2835



13.6691, -0.2783, -0.6022



10.7355, 24.4038, -66.0994



24.8128, 62.5897, -166.1270

Inverse Universe

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



21.4646, 8.5918, 3.7362



26.0654, 14.9320, 5.8370



28.0993, -8.9901, 10.3019



13.8076, 0.3076, 1.0068



17.2928, 29.6972, 10.5324



41.4696, 71.0977, 26.1783

Previews

White Background



This preview shows how the HunterLab color 20.0212, 3.6169, -12.4381 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



This preview shows how the HunterLab color 20.0212, 3.6169, -12.4381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

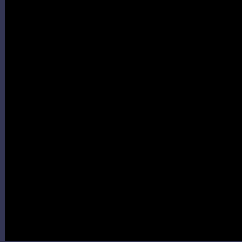
Any Text WCAG AA × Fail

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 20.0212, 3.6169, -12.4381 Background



This preview shows how black text looks on a background with the HunterLab color 20.0212, 3.6169, -12.4381.



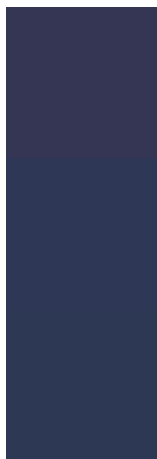
This preview shows how white text looks on a background with the HunterLab color 20.0212, 3.6169, -12.4381.

-12.4381.

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

20.0212, 3.6169, -12.4381

Protanopia

19.9226, 2.1622, -13.2628

Deuteranopia

20.0657, 1.3274, -12.3957



Tritanopia

19.9733, -2.9363, -1.7035

Trichromacy



Original Color

20.0212, 3.6169, -12.4381

Protanomaly

20.0415, 2.5555, -13.0308

Deuteranomaly

20.0021, 2.3465, -12.4958

Tritanomaly

20.0852, -0.7818, -5.2344

Monochromacy



Original Color

20.0212, 3.6169, -12.4381

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

20.1142, 0.3226, -3.2527

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.0212, 3.6169, -12.4381 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(52, 54, 84)` looks like.

```
.text, #text, p{  
    color:rgb(52, 54, 84)  
}
```

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(52, 54, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 54, 84) }
```

Border

The CSS property to change the border of an element to HunterLab 20.0212, 3.6169, -12.4381 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(52, 54, 84) }
```


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

```
.border{ border-color:rgb(52, 54, 84) }
```

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

Here you see how a box with a 4 pixel rgb(52, 54, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 54, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 54, 84);  
box-shadow:4px 4px 4px 4px rgb(52, 54, 84)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.0212, 3.6169, -12.4381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 54, 84) }
```

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

```
.background{ background-color: rgb(52, 54,  
84) }
```

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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