

Converting Colors

HunterLab(20.4495, -7.2649,
5.1483)

Have a look what the booklet for
HunterLab(20.4495, -7.2649, 5.1483)
contains.

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Color

**HunterLab(20.4758, -7.2524,
5.3014)**

Conversions

Conversions Part 1

Format	Color
Hex	2D3E2D
RGB	45, 62, 45
RGB Percent	18%, 24%, 18%
CMY	0.8235, 0.7569, 0.8235
CMYK	0.27, 0.00, 0.27, 0.76
HSL	120°, 16%, 21%
HSV	120°, 27%, 24%
XYZ	3.2785, 4.1926, 3.1191
YIQ	54.9790, -4.6750, -8.8910

Conversions

Conversions Part 2

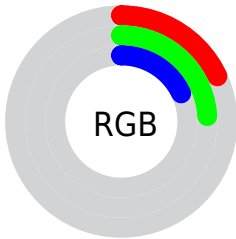
Format	Color
R_{YB}	45, 62, 62
Decimal	2965037
CIE Lab	24.30, -10.94, 8.28
CIE LCh	24, 13.723, 142.864
Yxy	4.1928, 0.3096, 0.3959
Android (android.graphics.Color)	4281155117 (0xFF2D3E2D)
YUV	54.9790, -4.9196, -8.7516
Hunter-Lab	20.4758, -7.2524, 5.3014




Details

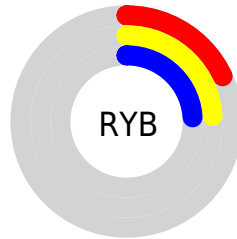
The HunterLab color **20.4758, -7.2524, 5.3014** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **18.0243, 6.0365, -3.7796**, and the grayscale version is **19.5565, -1.0435, 1.0625**.




A 20% lighter version of the original color is **37.5917, -9.8558, 7.3808**, and **7.0733, -6.0653, 4.2523** is the 20% darker color. If you saturate the color by 10%, you get **20.0450, -9.1228, 6.5655**, and if you desaturate by 10%, it is **20.9648, -5.1852, 3.9044**.

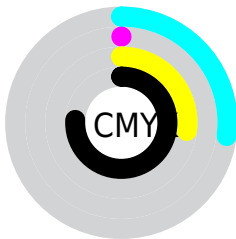
Distribution







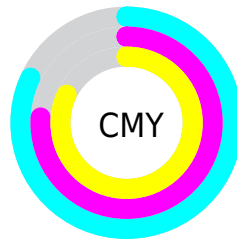
-  Red (18%)
-  Green (24%)
-  Blue (18%)






-  Red (18%)
-  Yellow (24%)
-  Blue (24%)



-  Cyan (27%)
-  Magenta (0%)
-  Yellow (27%)
-  Black (76%)



-  Cyan (82%)
-  Magenta (76%)
-  Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.4758, -7.2524, 5.3014 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 20.4758, -7.2524, 5.3014 by changing the saturation by 10% instead.

■ 20.4758, -7.2524,
5.3014

■ 20.4758, -7.2524,
5.3014

■ 119.0483,
-17.9329, 14.6728

■ 13.3490, -5.9410,
4.2108

■ 37.4779, -9.6976,
7.3753

■ 6.8985, -7.2787,
4.8290

■ 47.1774, -10.8799,
8.3960

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.5938, -12.0519,
9.4182

0.0000, NaN, NaN

■ 68.6808, -13.2202,
10.4466

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.4000, -14.3897,
11.4844

0.0000, NaN, NaN

■ 92.7190, -15.5635,

105.6099,
-16.7440, 13.5963

20.4758, -7.2524,
5.3014

20.4758, -7.2524,
5.3014

20.0450, -9.1228,
6.5655

20.9648, -5.1852,
3.9044

19.6717, -10.7776,
7.6841

21.5093, -2.9399,
2.3874

19.3564, -12.2030,
8.6477

22.1081, -0.5377,
0.7646

19.0983, -13.3896,
9.4500

22.7591, 2.0009,
-0.9499

18.8957, -14.3342,
10.0888

23.4601, 4.6561,
-2.7428

■ 18.7425, -15.0560,
10.5768

■ 24.2085, 7.4096,
-4.6017

■ 18.5990, -15.7387,
11.0385

■ 25.0019, 10.2448,
-6.5154

■ 18.5618, -15.9167,
11.1589

■ 25.8379, 13.1472,
-8.4739

■ 26.7139, 16.1041,
-10.4689

Harmonies

Analogous

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



20.4762, -4.1956, 7.0978



20.4758, -7.2524, 5.3014



20.4762, -8.6398, 2.0638

Triad

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



20.4762, -7.2528, 5.3016



20.4762, -2.1064, -8.2797



20.4762, 7.0587, 3.9303

Complementary

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



20.4758, -7.2524, 5.3014



18.0243, 6.0365, -3.7796

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.



20.4762, 7.7333, 0.1176



20.4758, -7.2524, 5.3014



20.4762, 2.2047, -7.4955

Square

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



20.4762, -7.2528, 5.3016



20.4762, -5.8310, -6.1642



20.4762, 5.8923, -4.2001



20.4762, 4.1178, 6.4271

Rectangle

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



20.4758, -7.2524, 5.3014



20.4762, -8.5182, -0.7070



20.4762, 5.8923, -4.2001



20.4762, 7.5674, 2.7828

Sweetspot

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



20.4762, -7.2528, 5.3016



28.2528, -4.1616, 3.3399



21.5848, -3.1808, 6.4254



14.4639, -2.2523, 1.7926



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



20.4762, -7.2528, 5.3016



26.5521, -11.3294, 8.1835



20.6518, -6.2427, 2.7722



11.3195, -1.6721, 1.3413



28.4039, -24.3562, 17.0758



72.2239, -61.9319, 43.4196

Inverse Universe

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



18.0243, 6.0365, -3.7796



22.5397, 10.4746, -6.7161



17.7838, 4.8043, -0.3892



10.9125, 0.5257, -0.1605



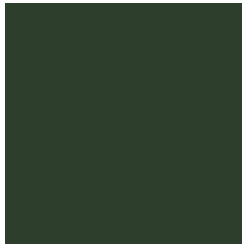
17.9238, 35.2385, -23.6386



45.5757, 89.6026, -60.1065

Previews

White Background



This preview shows how the HunterLab color 20.4758, -7.2524, 5.3014 looks on a white background.

Color Contrast Check

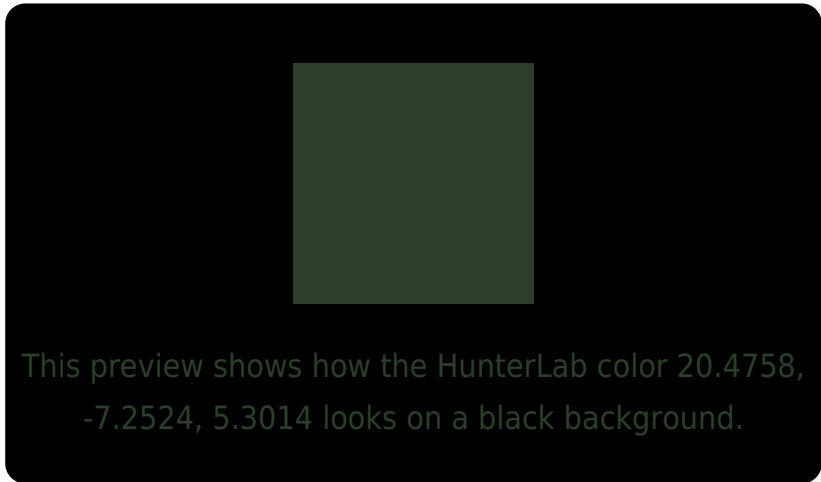
Large Text (above 18pt) WCAG AA ✓ Pass

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

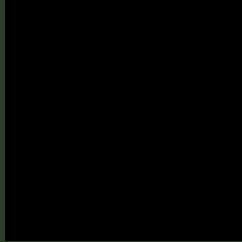
Any Text WCAG AA × Fail

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 20.4758, -7.2524, 5.3014 Background



This preview shows how black text looks on a background with the HunterLab color 20.4758, -7.2524, 5.3014.

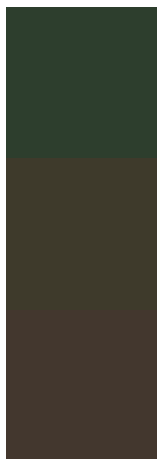


This preview shows how white text looks on a background with the HunterLab color 20.4758, -7.2524,

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

20.4758, -7.2524, 5.3014

Protanopia

20.5540, -1.7900, 6.0412

Deuteranopia

20.3050, 1.1603, 4.9847



Tritanopia

20.3137, -2.9636, -1.6919

Trichromacy



Original Color

20.4758, -7.2524, 5.3014

Protanomaly

20.3729, -3.6770, 5.5545

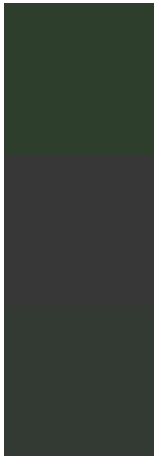
Deuteranomaly

20.3793, -2.2940, 4.9976

Tritanomaly

20.3260, -4.5998, 1.1530

Monochromacy



Original Color

20.4758, -7.2524, 5.3014

Achromatopsia

19.5459, -1.0429, 1.0620

Achromatomaly

19.9222, -3.7208, 2.8898

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.4758, -7.2524, 5.3014 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(45, 62, 45)` looks like.

```
.text, #text, p{  
  color:rgb(45, 62, 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(45, 62, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 62, 45) }
```

Border

The CSS property to change the border of an element to HunterLab 20.4758, -7.2524, 5.3014 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(45, 62, 45) }
```


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

```
.border{ border-color:rgb(45, 62, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 62, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 62, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 62, 45);  
box-shadow:4px 4px 4px 4px rgb(45, 62, 45)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.4758, -7.2524, 5.3014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 62, 45) }
```

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

```
.background{ background-color: rgb(45, 62,  
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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