

Converting Colors

HunterLab(20.3603, -1.6924,
4.7218)

Have a look what the booklet for
HunterLab(20.3603, -1.6924, 4.7218)
contains.

HunterLab(20.4744, -1.9196, 4.7948)	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(20.4744, -1.9196,
4.7948)**

Conversions

Conversions Part 1

Format	Color
Hex	3C3A2F
RGB	60, 58, 47
RGB Percent	24%, 23%, 18%
CMY	0.7647, 0.7725, 0.8157
CMYK	0.00, 0.03, 0.22, 0.76
HSL	51°, 12%, 21%
HSV	51°, 22%, 24%
XYZ	3.8896, 4.1920, 3.2935
YIQ	57.3440, 4.7230, -2.9970

Conversions

Conversions Part 2

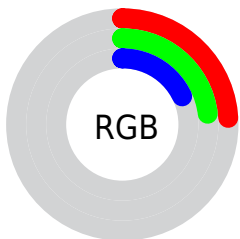
Format	Color
RYB	49, 60, 47
Decimal	3947055
CIELab	24.30, -1.39, 7.16
CIELCh	24, 7.295, 100.975
Yxy	4.1922, 0.3419, 0.3685
Android (android.graphics.Color)	4282137135 (0xFF3C3A2F)
YUV	57.3440, -5.0996, 2.3293
Hunter-Lab	20.4744, -1.9196, 4.7948

Details

The HunterLab color **20.4744, -1.9196, 4.7948** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.6838, 0.2057, -3.4329**, and the grayscale version is **20.3613, -1.0864, 1.1063**.

A 20% lighter version of the original color is **37.4423, -3.1160, 6.6186**, and **6.8574, -1.0607, 4.2070** is the 20% darker color. If you saturate the color by 10%, you get **20.1367, -2.1680, 6.1932**, and if you desaturate by 10%, it is **20.8275, -1.5994, 3.2174**.

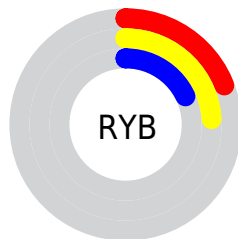
Distribution



Red (24%)

Green (23%)

Blue (18%)



Red (19%)

Yellow (24%)

Blue (18%)

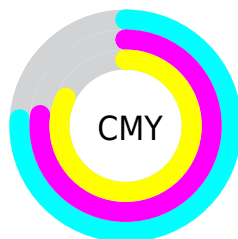


Cyan (0%)

Magenta (3%)

Yellow (22%)

Black (76%)



Cyan (76%)

Magenta (77%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.4744, -1.9196, 4.7948 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 20.4744, -1.9196, 4.7948 by changing the saturation by 10% instead.

■ 20.4744, -1.9196,
4.7948

■ 20.4744, -1.9196,
4.7948

■ 119.0458, -7.8530,
13.5980

■ 13.3478, -1.4278,
3.8070

■ 37.4762, -3.0155,
6.7033

■ 6.8971, -1.2458,
4.6796

■ 47.1756, -3.6152,
7.6538

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.5919, -4.2475,
8.6114

0.0000, NaN, NaN

■ 68.6788, -4.9111,
9.5798

0.0000, NaN, NaN

■ 80.3978, -5.6045,
10.5614

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.7167, -6.3266,

11.5577

0.0000, NaN, NaN

105.6075, -7.0764,
12.5697

■ 20.4744, -1.9196,
4.7948

■ 20.4744, -1.9196,
4.7948

■ 20.1367, -2.1680,
6.1932

■ 20.8275, -1.5994,
3.2174

■ 19.8131, -2.3420,
7.4093

■ 21.1946, -1.2066,
1.4638

■ 19.5041, -2.4424,
8.4419

■ 21.5759, -0.7432,
-0.4610

■ 19.2094, -2.4696,
9.2914

■ 21.9713, -0.2112,
-2.5519

■ 18.9289, -2.4249,
9.9603

■ 22.3805, 0.3876,
-4.8032

■ 18.6621, -2.3108,
10.4531

■ 22.8033, 1.0509,
-7.2086

■ 18.4043, -2.1541,
10.8403

■ 23.2394, 1.7765,
-9.7620

■ 18.1901, -2.0250,
11.1732

■ 23.6884, 2.5618,
-12.4567

■ 24.1501, 3.4044,
-15.2864

Harmonies

Analogous

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



20.4749, 0.3528, 4.6728



20.4744, -1.9196, 4.7948



20.4749, -3.8853, 4.0154

Triad

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



20.4749, -1.9202, 4.7951



20.4749, -4.2944, -1.8079



20.4749, 3.2106, -0.2897

Complementary

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



20.4744, -1.9196, 4.7948



17.6838, 0.2057, -3.4329

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.



20.4749, 1.8562, -2.2848



20.4744, -1.9196, 4.7948



20.4749, -2.5009, -3.2253

Square

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



20.4749, -1.9202, 4.7951



20.4749, -5.2156, 0.3059



20.4749, -0.2537, -3.4087



20.4749, 3.3828, 1.8914

Rectangle

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



20.4744, -1.9196, 4.7948



20.4749, -4.7819, 3.0335



20.4749, -0.2537, -3.4087



20.4749, 2.8758, -1.0103

Sweetspot

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



20.4749, -1.9202, 4.7951



27.6721, -1.8387, 3.0218



17.9358, 2.8275, 1.4347



14.6592, -0.9782, 1.6184



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.



20.4749, -1.9202, 4.7951



26.6997, -2.7213, 7.3676



20.6596, -3.8290, 4.9451



11.4101, -0.8070, 1.4569



28.4832, -2.7851, 17.5024



71.6680, -5.8508, 44.0591

Inverse Universe

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



17.6838, 0.2057, -3.4329



22.1083, 0.8004, -6.2261



17.5267, 2.0641, -3.6256



10.8087, -0.3531, -0.3061



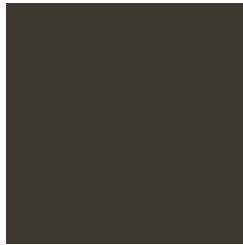
10.6877, 18.0402, -52.3023



25.3298, 52.4973, -144.9867

Previews

White Background



This preview shows how the HunterLab color 20.4744, -1.9196, 4.7948 looks on a white background.

Color Contrast Check

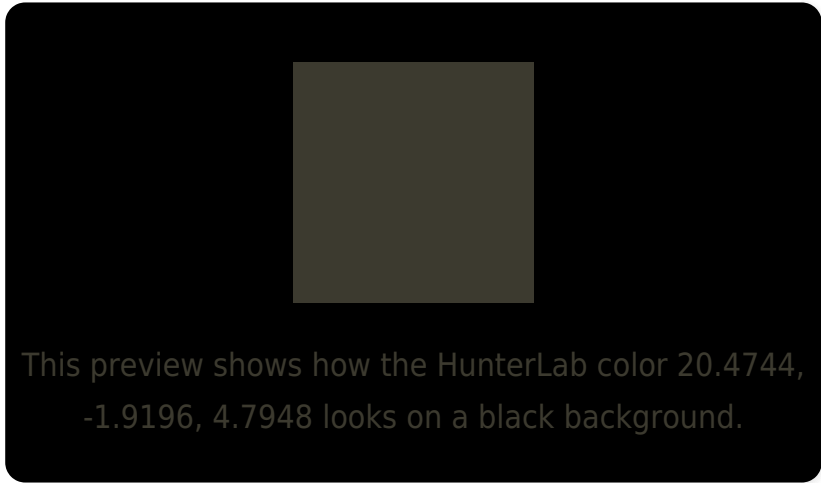
Large Text (above 18pt) WCAG AA ✓ Pass

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

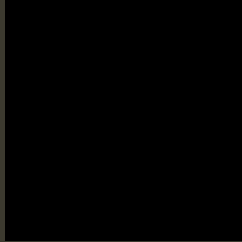
Any Text WCAG AA × Fail

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 20.4744, -1.9196, 4.7948 Background



This preview shows how black text looks on a background with the HunterLab color 20.4744, -1.9196, 4.7948.



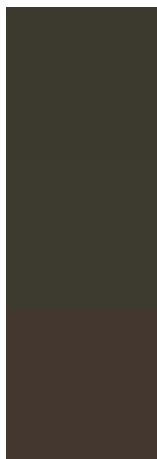
This preview shows how white text looks on a background with the HunterLab color 20.4744, -1.9196, 4.7948.

4.7948.

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

20.4744, -1.9196, 4.7948

Protanopia

20.5510, -1.6505, 4.8758

Deuteranopia

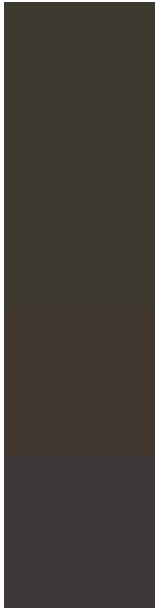
20.3447, 1.3733, 4.4112



Tritanopia

20.4680, 1.1845, -0.1556

Trichromacy



Original Color

20.4744, -1.9196, 4.7948

Protanomaly

20.5510, -1.6505, 4.8758

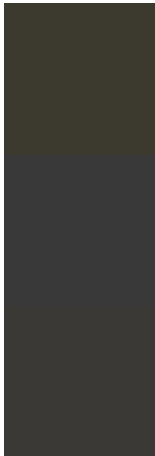
Deuteranomaly

20.3267, 0.0993, 4.3705

Tritanomaly

20.5034, -0.1745, 1.8120

Monochromacy



Original Color

20.4744, -1.9196, 4.7948

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

20.2060, -1.3439, 2.5442

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.4744, -1.9196, 4.7948 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(60, 58, 47)` looks like.

```
.text, #text, p{  
    color:rgb(60, 58, 47)  
}
```

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(60, 58, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 58, 47) }
```

Border

The CSS property to change the border of an element to HunterLab 20.4744, -1.9196, 4.7948 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(60, 58, 47) }
```


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

```
.border{ border-color:rgb(60, 58, 47) }
```

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

Here you see how a box with a 4 pixel rgb(60, 58, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 58, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 58, 47);  
box-shadow:4px 4px 4px 4px rgb(60, 58, 47)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.4744, -1.9196, 4.7948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 58, 47) }
```

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

```
.background{ background-color: rgb(60, 58,  
47) }
```

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