

Converting Colors

HunterLab(40.9810, -19.9807,
24.3303)

Have a look what the booklet for
HunterLab(40.9810, -19.9807,
24.3303) contains.

HunterLab(41.0171, -20.0088, 24.3739)	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(41.0171,
-20.0088, 24.3739)**

Conversions

Conversions Part 1

Format	Color
Hex	5E7C0D
RGB	94, 124, 13
RGB Percent	37%, 49%, 5%
CMY	0.6314, 0.5137, 0.9490
CMYK	0.24, 0.00, 0.90, 0.51
HSL	76°, 81%, 27%
HSV	76°, 90%, 49%
XYZ	11.8964, 16.8240, 3.0011
YIQ	102.3760, 17.7510, -40.8810

Conversions

Conversions Part 2

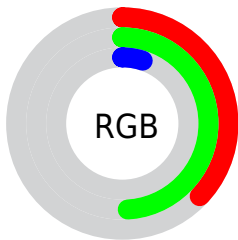
Format	Color
RYB	13, 124, 43
Decimal	6192141
CIELab	48.04, -25.92, 49.99
CIELCh	48, 56.313, 117.402
Yxy	16.8248, 0.3750, 0.5304
Android (android.graphics.Color)	4284382221 (0xFF5E7C0D)
YUV	102.3760, -44.0624, -7.3458
Hunter-Lab	41.0171, -20.0088, 24.3739

Details

The HunterLab color $41.0171, -20.0088, 24.3739$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $15.0237, 30.4883, -65.4664$, and the grayscale version is $36.7500, -1.9609, 1.9967$.

A 20% lighter version of the original color is $61.7919, -24.2460, 32.0917$, and $23.5494, -14.5886, 14.2556$ is the 20% darker color. If you saturate the color by 10%, you get $40.7721, -21.0434, 24.7299$, and if you desaturate by 10%, it is $41.2901, -18.8453, 23.7590$.

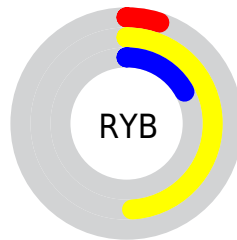
Distribution



Red (37%)

Green (49%)

Blue (5%)



Red (5%)

Yellow (49%)

Blue (17%)

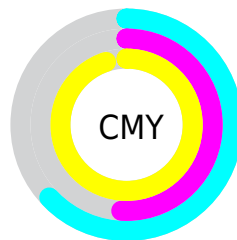


Cyan (24%)

Magenta (0%)

Yellow (90%)

Black (51%)



Cyan (63%)

Magenta (51%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.0171, -20.0088, 24.3739 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 41.0171, -20.0088, 24.3739 by changing the saturation by 10% instead.

41.0171, -20.0088,
24.3739

41.0171, -20.0088,
24.3739

153.0231,
-37.4032, 54.2750

31.7957, -17.7755,
20.2144

61.6638, -24.1805,
31.9804

23.3917, -15.3863,
16.3742

72.9914, -26.1658,
35.5032

15.8953, -12.7642,
11.1267

84.9384, -28.1053,
38.8806

9.4335, -12.4752,
6.6035

97.4743, -30.0092,
42.1363

0.0000, NaN, NaN

0.0000, NaN, NaN

110.5727,
-31.8855, 45.2895

0.0000, NaN, NaN

124.2102,

0.0000, NaN, NaN

-33.7402, 48.3556

0.0000, NaN, NaN

■ 138.3665,
-35.5782, 51.3473

■ 41.0171, -20.0088,
24.3739

■ 41.0171, -20.0088,
24.3739

■ 40.7721, -21.0434,
24.7299

■ 41.2901, -18.8453,
23.7590

■ 40.7603, -21.0931,
24.7471

■ 41.5985, -17.4928,
22.7362

■ 41.9458, -15.9408,
21.2692

■ 42.3340, -14.1820,
19.3319

■ 42.7645, -12.2128,
16.9067

■ 43.2385, -10.0326,
13.9835

■ 43.7567, -7.6431,
10.5582

■ 44.3194, -5.0485,
6.6323

■ 44.9269, -2.2545,
2.2120

Harmonies

Analogous

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



41.0180, -0.2420, 25.5879



41.0171, -20.0088, 24.3739



41.0180, -32.2593, 18.6124

Triad

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



41.0180, -20.0099, 24.3741



41.0180, -22.7075, -48.6688



41.0180, 49.6180, 0.3531

Complementary

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



41.0171, -20.0088, 24.3739



15.0237, 30.4883, -65.4664

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.



41.0180, 40.2122, -26.1428



41.0171, -20.0088, 24.3739



41.0180, -4.1039, -62.3670

Square

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



41.0180, -20.0099, 24.3741



41.0180, -33.5688, -21.1334



41.0180, 19.3092, -52.4843



41.0180, 42.8849, 16.8450

Rectangle

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



41.0171, -20.0088, 24.3739



41.0180, -36.0307, 10.1234



41.0180, 19.3092, -52.4843



41.0180, 48.2009, -7.6242

Sweetspot

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



41.0180, -20.0099, 24.3741



57.4812, -12.7364, 17.7501



24.5226, 24.3063, 14.6151



27.8072, -6.5880, 9.1813



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



41.0180, -20.0099, 24.3741



54.0047, -28.2371, 32.7831



38.5676, -29.9406, 22.6554



21.4057, -2.3775, 3.1093



41.0946, -21.2732, 24.9498



89.5099, -47.4212, 54.3254

Inverse Universe

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



15.0237, 30.4883, -65.4664



17.5605, 44.6556, -101.6958



20.8465, 39.1305, -40.7063



19.8523, 0.2344, -1.0328



13.4746, 34.0545, -76.3983



28.8000, 73.8231, -171.3268

Previews

White Background



This preview shows how the HunterLab color 41.0171, -20.0088, 24.3739 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 × Fail

Black Background



This preview shows how the HunterLab color 41.0171, -20.0088, 24.3739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

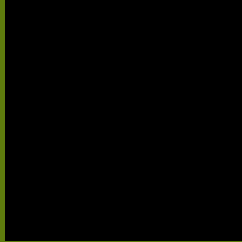
Any Text WCAG AA × Fail

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 41.0171, -20.0088, 24.3739 Background



This preview shows how black text looks on a background with the HunterLab color 41.0171, -20.0088, 24.3739.



This preview shows how white text looks on a background with the HunterLab color 41.0171,

-20.0088, 24.3739.

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

41.0171, -20.0088, 24.3739

Protanopia

40.7965, -5.9002, 24.6597

Deuteranopia

40.7914, 2.4664, 23.7581



Tritanopia

40.8900, -3.4818, -2.5142

Trichromacy



Original Color

41.0171, -20.0088, 24.3739

Protanomaly

40.8556, -11.4854, 24.5572

Deuteranomaly

40.5571, -6.6727, 23.8371

Tritanomaly

40.4520, -11.4610, 12.4322

Monochromacy



Original Color

41.0171, -20.0088, 24.3739

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

37.7448, -10.1220, 13.9791

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.0171, -20.0088, 24.3739 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(94, 124, 13)` looks like.

```
.text, #text, p{  
    color:rgb(94, 124, 13)  
}
```

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(94, 124, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 124, 13) }
```

Border

The CSS property to change the border of an element to HunterLab 41.0171, -20.0088, 24.3739 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(94, 124, 13) }
```


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

```
.border{ border-color:rgb(94, 124, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 124, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 124, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 124, 13);  
box-shadow:4px 4px 4px 4px rgb(94, 124,  
13) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.0171, -20.0088, 24.3739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 124, 13) }
```

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

```
.background{ background-color: rgb(94, 124,  
13) }
```

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