

Converting Colors

HunterLab(20.0976, -7.2749,
8.5377)

Have a look what the booklet for
HunterLab(20.0976, -7.2749, 8.5377)
contains.

HunterLab(20.2094, -7.3699, 8.7204)	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(20.2094, -7.3699,
8.7204)**

Conversions

Conversions Part 1

Format	Color
Hex	313D1E
RGB	49, 61, 30
RGB Percent	19%, 24%, 12%
CMY	0.8078, 0.7608, 0.8824
CMYK	0.20, 0.00, 0.51, 0.76
HSL	83°, 34%, 18%
HSV	83°, 51%, 24%
XYZ	3.1697, 4.0842, 1.8496
YIQ	53.8780, 2.7990, -12.1850

Conversions

Conversions Part 2

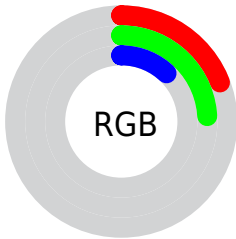
Format	Color
RYB	30, 61, 42
Decimal	3226910
CIELab	23.95, -11.25, 17.46
CIElCh	24, 20.774, 122.789
Yxy	4.0844, 0.3482, 0.4486
Android (android.graphics.Color)	4281416990 (0xFF313D1E)
YUV	53.8780, -11.7719, -4.2780
Hunter-Lab	20.2094, -7.3699, 8.7204

Details

The HunterLab color $20.2094, -7.3699, 8.7204$ is a dark color, and the websafe version is hex 333300 . A complement of this color would be $13.2582, 7.2465, -11.4476$, and the grayscale version is $19.2036, -1.0247, 1.0434$.

A 20% lighter version of the original color is $37.0221, -9.7158, 12.2675$, and $7.0733, -6.0653, 4.2523$ is the 20% darker color. If you saturate the color by 10%, you get $19.9975, -8.3210, 9.6306$, and if you desaturate by 10%, it is $20.4424, -6.3272, 7.6214$.

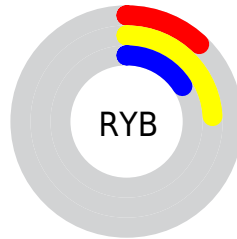
Distribution



Red (19%)

Green (24%)

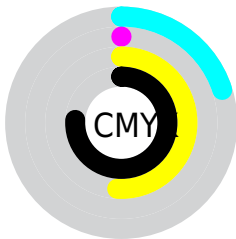
Blue (12%)



Red (12%)

Yellow (24%)

Blue (16%)

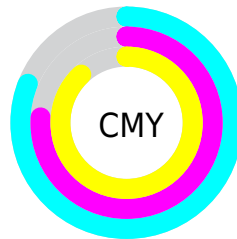


Cyan (20%)

Magenta (0%)

Yellow (51%)

Black (76%)



Cyan (81%)

Magenta (76%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.2094, -7.3699, 8.7204 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 20.2094, -7.3699, 8.7204 by changing the saturation by 10% instead.

■ 20.2094, -7.3699,
8.7204

■ 20.2094, -7.3699,
8.7204

■ 118.5686,
-18.2120, 22.9940

■ 13.1182, -6.0271,
7.1019

■ 37.1518, -9.8638,
12.2410

■ 6.6115, -7.7678,
4.6280

■ 46.8253, -11.0661,
13.8710

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.2174, -12.2563,
15.4502

0.0000, NaN, NaN

■ 68.2816, -13.4416,
16.9943

0.0000, NaN, NaN

■ 79.9792, -14.6268,
18.5139

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.2777, -15.8153,

20.0168

0.0000, NaN, NaN

105.1490,
-17.0098, 21.5087

20.2094, -7.3699,
8.7204

20.2094, -7.3699,
8.7204

19.9975, -8.3210,
9.6306

20.4424, -6.3272,
7.6214

19.8048, -9.1786,
10.3553

20.6952, -5.1929,
6.3316

19.6315, -9.9438,
10.9011

20.9685, -3.9699,
4.8519

19.4735, -10.6372,
11.3236

21.2621, -2.6612,
3.1846

19.3343, -11.2557,
11.7167

21.5761, -1.2702,
1.3335

■ 21.9101, 0.1989,
-0.6964

■ 22.2639, 1.7420,
-2.8991

■ 22.6371, 3.3546,
-5.2678

■ 23.0295, 5.0323,
-7.7952

Harmonies

Analogous

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



20.2098, -1.6798, 9.6958



20.2094, -7.3699, 8.7204



20.2098, -10.9740, 5.7878

Triad

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



20.2098, -7.3704, 8.7206



20.2098, -6.4467, -12.4663



20.2098, 12.8692, 1.6662

Complementary

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



20.2094, -7.3699, 8.7204



13.2582, 7.2465, -11.4476

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.



20.2098, 11.1834, -5.0766



20.2094, -7.3699, 8.7204



20.2098, -0.4720, -14.5997

Square

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



20.2098, -7.3704, 8.7206



20.2098, -10.4896, -6.3940



20.2098, 6.0897, -11.5529



20.2098, 10.4468, 6.5057

Rectangle

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



20.2094, -7.3699, 8.7204



20.2098, -11.9762, 2.5264



20.2098, 6.0897, -11.5529



20.2098, 12.7645, -0.4385

Sweetspot

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



20.2098, -7.3704, 8.7206



27.3512, -4.2823, 5.2019



16.5337, 3.2686, 5.8404



14.4766, -2.3414, 2.8484



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.



20.2098, -7.3704, 8.7206



25.8260, -11.1120, 12.7703



19.4037, -10.4952, 8.0194



11.4375, -1.2526, 1.4793



29.9367, -17.9936, 18.1318



75.7589, -47.2170, 45.8557

Inverse Universe

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



13.2582, 7.2465, -11.4476



14.8383, 12.4006, -20.2349



14.6517, 11.1031, -8.6436



10.7838, 0.0886, -0.3297



10.9502, 26.1901, -50.5791



26.9053, 65.6474, -134.3284

Previews

White Background



This preview shows how the HunterLab color 20.2094, -7.3699, 8.7204 looks on a white background.

Color Contrast Check

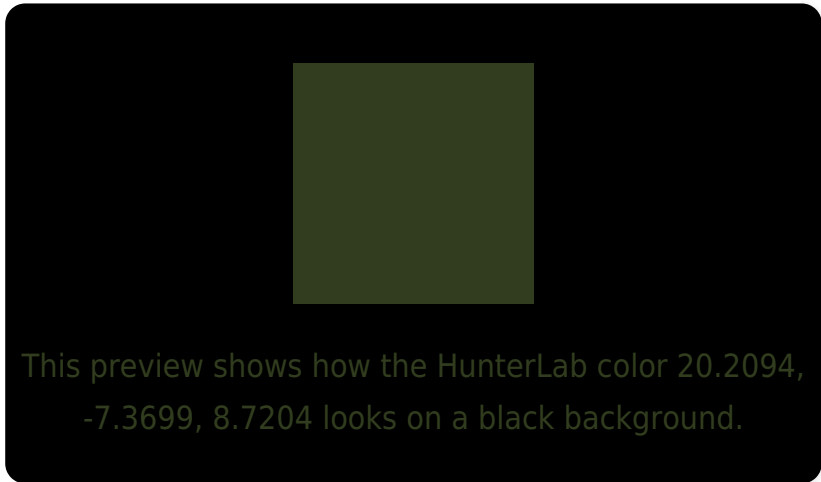
Large Text (above 18pt) WCAG AA ✓ Pass

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

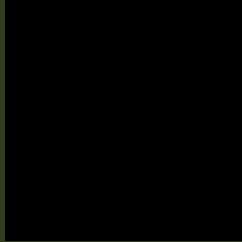
Any Text WCAG AA × Fail

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 20.2094, -7.3699, 8.7204 Background



This preview shows how black text looks on a background with the HunterLab color 20.2094, -7.3699, 8.7204.



This preview shows how white text looks on a background with the HunterLab color 20.2094, -7.3699, 8.7204.

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

20.2094, -7.3699, 8.7204

Protanopia

20.1785, -2.2742, 8.9787

Deuteranopia

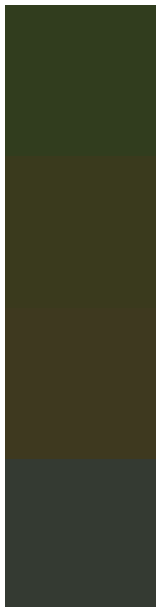
20.0196, 0.9351, 8.3053



Tritanopia

20.0772, -1.3432, -1.1106

Trichromacy



Original Color

20.2094, -7.3699, 8.7204

Protanomaly

20.0359, -4.0616, 8.8351

Deuteranomaly

20.1229, -2.4204, 8.5378

Tritanomaly

19.9661, -3.6060, 3.2790

Monochromacy



Original Color

20.2094, -7.3699, 8.7204

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

19.6107, -3.7994, 4.5116

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.2094, -7.3699, 8.7204 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(49, 61, 30)` looks like.

```
.text, #text, p{  
    color:rgb(49, 61, 30)  
}
```

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(49, 61, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 61, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 20.2094, -7.3699, 8.7204 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(49, 61, 30) }
```


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

```
.border{ border-color:rgb(49, 61, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 61, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 61, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 61, 30);  
box-shadow:4px 4px 4px 4px rgb(49, 61, 30)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.2094, -7.3699, 8.7204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 61, 30) }
```

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

```
.background{ background-color: rgb(49, 61,  
30) }
```

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