

Converting Colors

HunterLab(20.3095, 19.9339,
10.0626)

Have a look what the booklet for
HunterLab(20.3095, 19.9339,
10.0626) contains.

HunterLab(20.2520, 19.7959, 9.9646)	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(20.2520, 19.7959,
9.9646)**

Conversions

Conversions Part 1

Format	Color
Hex	66231A
RGB	102, 35, 26
RGB Percent	40%, 14%, 10%
CMY	0.6000, 0.8627, 0.8980
CMYK	0.00, 0.66, 0.75, 0.60
HSL	7°, 59%, 25%
HSV	7°, 75%, 40%
XYZ	6.2670, 4.1014, 1.4386
YIQ	54.0070, 42.8210, 11.4050

Conversions

Conversions Part 2

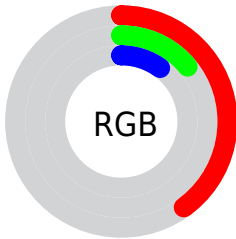
Format	Color
R_{YB}	102, 36, 26
Decimal	6693658
CIE _{Lab}	24.00, 29.56, 21.69
CIE _{LCh}	24, 36.667, 36.268
Yxy	4.1017, 0.5308, 0.3474
Android (android.graphics.Color)	4284883738 (0xFF66231A)
YUV	54.0070, -13.8075, 42.0899
Hunter-Lab	20.2520, 19.7959, 9.9646

Details

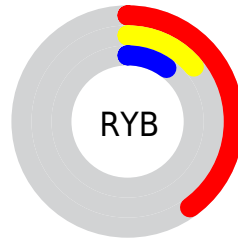
The HunterLab color **20.2520, 19.7959, 9.9646** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **30.0116, -12.4429, -6.5583**, and the grayscale version is **19.2448, -1.0269, 1.0456**.

A 20% lighter version of the original color is **37.2798, 22.3796, 14.1480**, and **8.2347, 14.1022, 5.3211** is the 20% darker color. If you saturate the color by 10%, you get **18.9761, 22.6778, 10.5827**, and if you desaturate by 10%, it is **21.8047, 16.7026, 9.1461**.

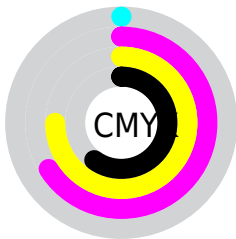
Distribution



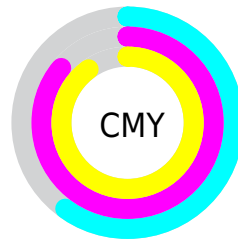
- Red (40%)
- Green (14%)
- Blue (10%)



- Red (40%)
- Yellow (14%)
- Blue (10%)



- Cyan (0%)
- Magenta (66%)
- Yellow (75%)
- Black (60%)



- Cyan (60%)
- Magenta (86%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.2520, 19.7959, 9.9646 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 20.2520, 19.7959, 9.9646 by changing the saturation by 10% instead.

■ 20.2520, 19.7959,
9.9646

■ 20.2520, 19.7959,
9.9646

■ 118.6456, 27.2321,
26.6122

■ 13.1552, 18.3679,
8.4351

■ 37.2041, 22.2254,
14.1861

■ 6.6585, 19.9932,
4.6609

■ 46.8818, 23.2396,
16.1124

0.0000, INF, NaN

0.0000, NaN, NaN

■ 57.2778, 24.1369,
17.9624

0.0000, NaN, NaN

■ 68.3457, 24.9292,
19.7565

0.0000, NaN, NaN

■ 80.0468, 25.6269,
21.5093

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.3486, 26.2386,

23.2312

0.0000, NaN, NaN

105.2230, 26.7716,
24.9302

20.2520, 19.7959,
9.9646

20.2520, 19.7959,
9.9646

18.9761, 22.6778,
10.5827

21.8047, 16.7026,
9.1461

17.9961, 25.1525,
10.9996

23.6014, 13.5533,
8.1825

17.5777, 26.2280,
11.2905

25.6109, 10.4474,
7.1234

27.8035, 7.4420,
6.0057

30.1536, 4.5631,
4.8547

■ 32.6393, 1.8165,
3.6866

■ 35.2427, -0.8028,
2.5112

■ 37.9490, -3.3054,
1.3341

■ 40.7460, -5.7039,
0.1580

Harmonies

Analogous

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



20.2526, 25.6368, 3.2495



20.2520, 19.7959, 9.9646



20.2526, 8.5164, 12.5761

Triad

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



20.2526, 19.7942, 9.9649



20.2526, -17.4951, 7.8268



20.2526, 1.3675, -32.5064

Complementary

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



20.2520, 19.7959, 9.9646



30.0116, -12.4429, -6.5583

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.



20.2526, -9.1699, -28.7823



20.2520, 19.7959, 9.9646



20.2526, -18.5892, -1.3089

Square

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



20.2526, 19.7942, 9.9649



20.2526, -12.4858, 11.7567



20.2526, -15.8977, -15.5185



20.2526, 13.5847, -23.9444

Rectangle

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



20.2520, 19.7959, 9.9646



20.2526, 0.3648, 13.1948



20.2526, -15.8977, -15.5185



20.2526, -2.4887, -32.6946

Sweetspot

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



20.2526, 19.7942, 9.9649



40.5378, 5.3466, 6.1398



20.8717, 30.4436, -16.1120



19.4107, 2.9173, 3.1153



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



20.2526, 19.7942, 9.9649



24.1765, 32.4237, 14.3943



27.6531, 3.5032, 15.0056



17.0114, 0.1687, 1.5126



19.8272, 30.0236, 12.7431



44.4810, 71.1827, 28.6551

Inverse Universe

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



30.0116, -12.4429, -6.5583



38.5794, -16.8597, -10.4032



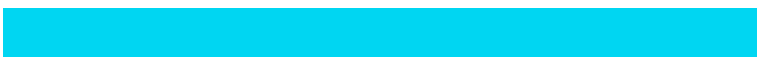
19.8091, 3.1516, -25.3622



17.6995, -1.9561, 0.3806



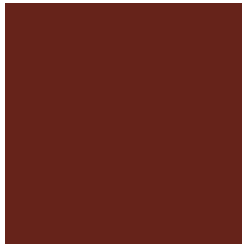
32.5110, -14.3492, -9.6603



73.6831, -32.0496, -22.9116

Previews

White Background



This preview shows how the HunterLab color 20.2520, 19.7959, 9.9646 looks on a white background.

Color Contrast Check

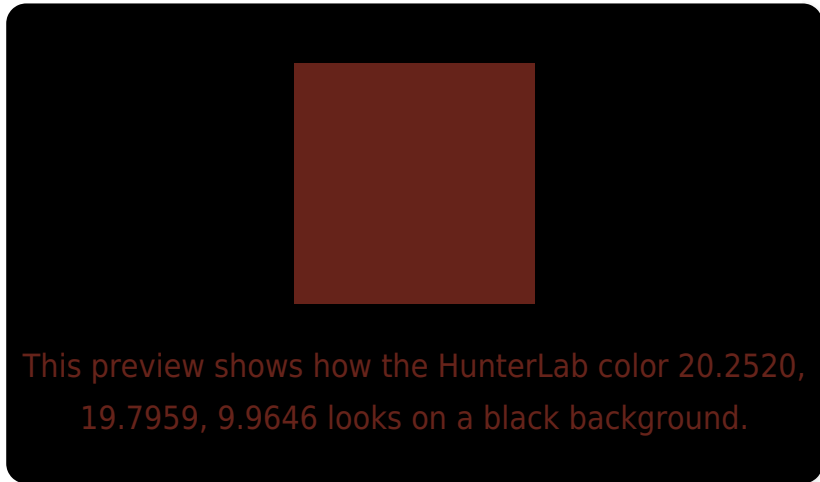
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.2520, 19.7959, 9.9646 Background



This preview shows how black text looks on a background with the HunterLab color 20.2520, 19.7959, 9.9646.

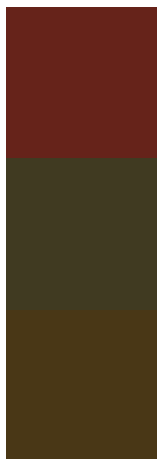


This preview shows how white text looks on a background with the HunterLab color 20.2520, 19.7959,

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

20.2520, 19.7959, 9.9646

Protanopia

20.5570, -2.0937, 8.4806

Deuteranopia

20.5104, 1.1695, 10.4647



Tritanopia

20.2391, 20.7618, 7.9452

Trichromacy



Original Color

20.2520, 19.7959, 9.9646

Protanomaly

19.9866, 5.3632, 8.7658

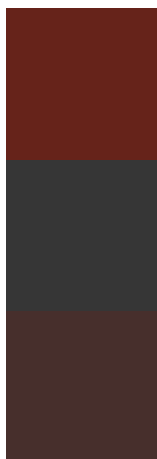
Deuteranomaly

20.1509, 7.8554, 10.1693

Tritanomaly

20.1820, 20.5102, 8.7806

Monochromacy



Original Color

20.2520, 19.7959, 9.9646

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

18.8533, 5.5377, 4.2206

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.2520, 19.7959, 9.9646 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(102, 35, 26)` looks like.

```
.text, #text, p{  
    color:rgb(102, 35, 26)  
}
```

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(102, 35, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 35, 26) }
```

Border

The CSS property to change the border of an element to HunterLab 20.2520, 19.7959, 9.9646 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(102, 35, 26) }
```


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

```
.border{ border-color:rgb(102, 35, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 35, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 35, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 35, 26);  
box-shadow:4px 4px 4px 4px rgb(102, 35,  
26) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.2520, 19.7959, 9.9646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 35, 26) }
```

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

```
.background{ background-color: rgb(102, 35,  
26) }
```

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