

Converting Colors

HunterLab(20.0333, -6.1600,
10.5810)

Have a look what the booklet for
HunterLab(20.0333, -6.1600,
10.5810) contains.

HunterLab(19.9595, -5.8758, 10.4962)	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(19.9595, -5.8758,
10.4962)**

Conversions

Conversions Part 1

Format	Color
Hex	373B12
RGB	55, 59, 18
RGB Percent	22%, 23%, 7%
CMY	0.7843, 0.7686, 0.9294
CMYK	0.07, 0.00, 0.69, 0.77
HSL	66°, 53%, 15%
HSV	66°, 69%, 23%
XYZ	3.2487, 3.9838, 1.1700
YIQ	53.1300, 10.7770, -13.5990

Conversions

Conversions Part 2

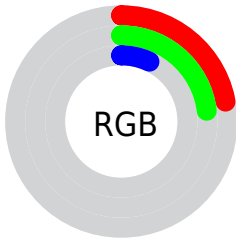
Format	Color
R_{YB}	18, 59, 22
Decimal	3619602
CIE Lab	23.62, -8.50, 24.17
CIE LCh	24, 25.625, 109.378
Yxy	3.9840, 0.3866, 0.4741
Android (android.graphics.Color)	4281809682 (0xFF373B12)
YUV	53.1300, -17.3191, 1.6400
Hunter-Lab	19.9595, -5.8758, 10.4962

Details

The HunterLab color **19.9595, -5.8758, 10.4962** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **9.5866, 8.1128, -19.5423**, and the grayscale version is **18.9667, -1.0120, 1.0305**.

A 20% lighter version of the original color is **36.7960, -8.0377, 15.1893**, and **6.5773, -5.6401, 3.9542** is the 20% darker color. If you saturate the color by 10%, you get **19.8770, -6.2707, 11.0912**, and if you desaturate by 10%, it is **20.0555, -5.4131, 9.7245**.

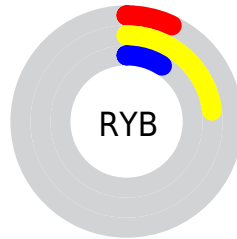
Distribution



Red (22%)

Green (23%)

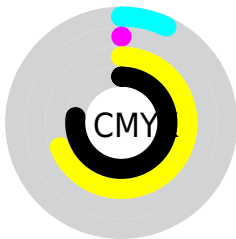
Blue (7%)



Red (7%)

Yellow (23%)

Blue (9%)

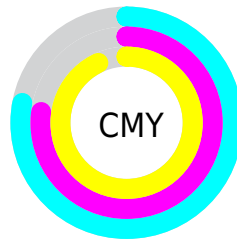


Cyan (7%)

Magenta (0%)

Yellow (69%)

Black (77%)



Cyan (78%)

Magenta (77%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.9595, -5.8758, 10.4962 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 19.9595, -5.8758, 10.4962 by changing the saturation by 10% instead.

■ 19.9595, -5.8758,
10.4962

■ 19.9595, -5.8758,
10.4962

■ 118.1173,
-15.3190, 28.5934

■ 12.9020, -4.7776,
9.0314

■ 36.8455, -7.9696,
15.1498

■ 6.3292, -6.1916,
4.4304

■ 46.4943, -9.0000,
17.2581

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.8635, -10.0312,
19.2736

0.0000, NaN, NaN

■ 67.9062, -11.0680,
21.2201

0.0000, NaN, NaN

■ 79.5835, -12.1133,
23.1144

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.8626, -13.1694,

104.7154,
-14.2376, 26.7930

19.9595, -5.8758,
10.4962

19.9595, -5.8758,
10.4962

19.8770, -6.2707,
11.0912

20.0555, -5.4131,
9.7245

19.8034, -6.6130,
11.5539

20.1642, -4.8776,
8.7671

19.7308, -6.9521,
12.0104

20.2868, -4.2678,
7.6175

19.7271, -6.9694,
12.0337

20.4236, -3.5823,
6.2712

20.5751, -2.8204,
4.7254

■ 20.7415, -1.9820,
2.9790

■ 20.9231, -1.0675,
1.0323

■ 21.1201, -0.0780,
-1.1130

■ 21.3324, 0.9851,
-3.4541

Harmonies

Analogous

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



19.9600, 1.8223, 10.7301



19.9595, -5.8758, 10.4962



19.9600, -11.3690, 8.4097

Triad

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



19.9600, -5.8764, 10.4964



19.9600, -10.0531, -13.3519



19.9600, 16.2353, -1.7757

Complementary

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



19.9595, -5.8758, 10.4962



9.5866, 8.1128, -19.5423

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.



19.9600, 11.8725, -10.8486



19.9595, -5.8758, 10.4962



19.9600, -3.7991, -19.0675

Square

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



19.9600, -5.8764, 10.4964



19.9600, -13.5072, -4.3488



19.9600, 4.2479, -18.0056



19.9600, 15.4463, 5.3240

Rectangle

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



19.9595, -5.8758, 10.4962



19.9600, -13.4236, 5.5488



19.9600, 4.2479, -18.0056



19.9600, 15.2989, -4.7255

Sweetspot

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



19.9600, -5.8764, 10.4964



26.5745, -3.9028, 6.6338



12.3505, 10.0215, 5.0383



13.7428, -2.0546, 3.5043



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



19.9600, -5.8764, 10.4964



25.6525, -8.4342, 14.7788



18.7899, -10.3748, 9.5907



11.4954, -1.0486, 1.5464



31.6318, -11.3792, 19.2921



80.2928, -29.4605, 48.9603

Inverse Universe

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



9.5866, 8.1128, -19.5423



9.7839, 14.5953, -35.7048



11.1308, 11.9093, -14.9741



10.7252, -0.1122, -0.4075



9.3481, 24.7211, -61.4947



23.3078, 62.5075, -160.0691

Previews

White Background



This preview shows how the HunterLab color 19.9595, -5.8758, 10.4962 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

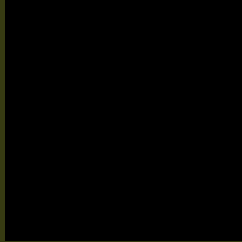
Any Text WCAG AA × Fail

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 19.9595, -5.8758, 10.4962 Background



This preview shows how black text looks on a background with the HunterLab color 19.9595, -5.8758, 10.4962.

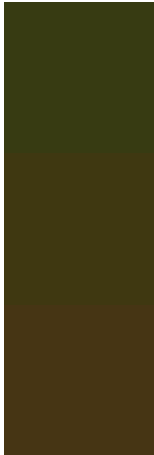


This preview shows how white text looks on a background with the HunterLab color 19.9595, -5.8758,

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

19.9595, -5.8758, 10.4962

Protanopia

19.8131, -2.5528, 10.5771

Deuteranopia

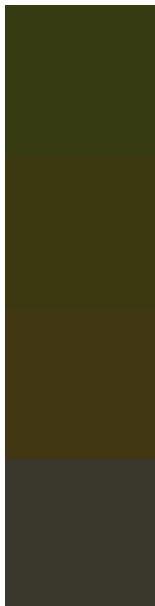
19.7454, 0.9293, 10.1960



Tritanopia

19.9448, 0.5306, -0.0009

Trichromacy



Original Color

19.9595, -5.8758, 10.4962

Protanomaly

19.8176, -3.8064, 10.5583

Deuteranomaly

19.7565, -1.4725, 10.2992

Tritanomaly

19.7731, -1.9802, 5.0043

Monochromacy



Original Color

19.9595, -5.8758, 10.4962

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

19.1568, -3.0504, 5.5378

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.9595, -5.8758, 10.4962 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(55, 59, 18)` looks like.

```
.text, #text, p{  
    color:rgb(55, 59, 18)  
}
```

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(55, 59, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 59, 18) }
```

Border

The CSS property to change the border of an element to HunterLab 19.9595, -5.8758, 10.4962 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(55, 59, 18) }
```


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

```
.border{ border-color:rgb(55, 59, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 59, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 59, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 59, 18);  
box-shadow:4px 4px 4px 4px rgb(55, 59, 18)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.9595, -5.8758, 10.4962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 59, 18) }
```

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

```
.background{ background-color: rgb(55, 59,  
18) }
```

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