

Converting Colors

HunterLab(21.0863, -6.9789,
11.0103)

Have a look what the booklet for
HunterLab(21.0863, -6.9789,
11.0103) contains.

HunterLab(21.0862, -6.9790, 11.0101)	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(21.0862, -6.9790,
11.0101)**

Conversions

Conversions Part 1

Format	Color
Hex	383F14
RGB	56, 63, 20
RGB Percent	22%, 25%, 8%
CMY	0.7804, 0.7529, 0.9216
CMYK	0.11, 0.00, 0.68, 0.75
HSL	70°, 52%, 16%
HSV	70°, 68%, 25%
XYZ	3.5347, 4.4463, 1.3338
YIQ	56.0050, 9.6310, -14.8570

Conversions

Conversions Part 2

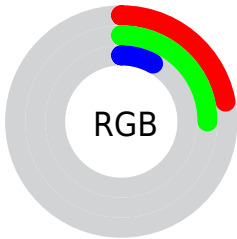
Format	Color
R_{YB}	20, 63, 27
Decimal	3686164
CIE _{Lab}	25.10, -10.24, 24.75
CIE _{LCh}	25, 26.785, 112.479
Yxy	4.4465, 0.3795, 0.4773
Android (android.graphics.Color)	4281876244 (0xFF383F14)
YUV	56.0050, -17.7505, -0.0044
Hunter-Lab	21.0862, -6.9790, 11.0101

Details

The HunterLab color **21.0862, -6.9790, 11.0101** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **10.4515, 9.0282, -20.0808**, and the grayscale version is **19.9446, -1.0642, 1.0836**.

A 20% lighter version of the original color is **38.3322, -9.5833, 15.7171**, and **7.6598, -6.1353, 4.6125** is the 20% darker color. If you saturate the color by 10%, you get **20.9705, -7.5109, 11.6456**, and if you desaturate by 10%, it is **21.2174, -6.3705, 10.1819**.

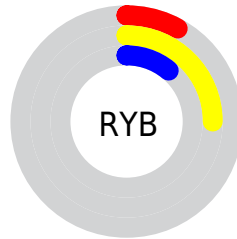
Distribution



Red (22%)

Green (25%)

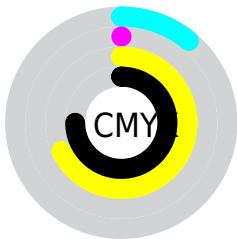
Blue (8%)



Red (8%)

Yellow (25%)

Blue (11%)

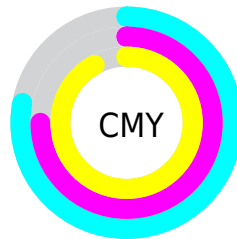


Cyan (11%)

Magenta (0%)

Yellow (68%)

Black (75%)



Cyan (78%)

Magenta (75%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.0862, -6.9790, 11.0101 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 21.0862, -6.9790, 11.0101 by changing the saturation by 10% instead.

■ 21.0862, -6.9790,
11.0101

■ 21.0862, -6.9790,
11.0101

■ 120.1423,
-17.3002, 29.3301

■ 13.8792, -5.7371,
9.3340

■ 38.2234, -9.3171,
15.7073

■ 7.5109, -6.3428,
5.2576

■ 47.9820, -10.4547,
17.8413

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.4534, -11.5860,
19.8830

0.0000, NaN, NaN

■ 69.5921, -12.7167,
21.8558

0.0000, NaN, NaN

■ 81.3603, -13.8511,
23.7761

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.7258, -14.9919,

■ 106.6612,
-16.1410, 27.5052

■ 21.0862, -6.9790,
11.0101

■ 21.0862, -6.9790,
11.0101

■ 20.9705, -7.5109,
11.6456

■ 21.2174, -6.3705,
10.1819

■ 20.8669, -7.9742,
12.1146

■ 21.3633, -5.6809,
9.1519

■ 20.7663, -8.4246,
12.5584

■ 21.5249, -4.9089,
7.9139

■ 20.7489, -8.5032,
12.6365

■ 21.7028, -4.0537,
6.4640

■ 21.8973, -3.1152,
4.8001

■ 22.1085, -2.0939,
2.9218

■ 22.3367, -0.9911,
0.8306

■ 22.5820, 0.1916,
-1.4708

■ 22.8443, 1.4519,
-3.9784

Harmonies

Analogous

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



21.0867, 1.0401, 11.4337



21.0862, -6.9790, 11.0101



21.0867, -12.5161, 8.5517

Triad

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



21.0867, -6.9796, 11.0103



21.0867, -10.1281, -15.1350



21.0867, 17.4957, -0.9744

Complementary

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



21.0862, -6.9790, 11.0101



10.4515, 9.0282, -20.0808

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.



21.0867, 13.3510, -10.5858



21.0862, -6.9790, 11.0101



21.0867, -3.2086, -20.6104

Square

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



21.0867, -6.9796, 11.0103



21.0867, -14.1245, -5.6494



21.0867, 5.4446, -18.6805



21.0867, 16.0625, 6.2386

Rectangle

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



21.0862, -6.9790, 11.0101



21.0867, -14.4781, 5.2866



21.0867, 5.4446, -18.6805



21.0867, 16.6888, -4.0488

Sweetspot

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



21.0867, -6.9796, 11.0103



28.3181, -4.3667, 6.8130



13.6612, 9.4871, 5.7114



14.5135, -2.3015, 3.6049



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.



21.0867, -6.9796, 11.0103



27.0859, -10.1784, 15.5481



19.9097, -11.5426, 10.0951



11.4822, -1.0949, 1.5312



31.1921, -13.0560, 18.9919



79.0997, -34.0220, 48.1453

Inverse Universe

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



10.4515, 9.0282, -20.0808



10.7247, 16.0124, -36.8022



12.1921, 13.2755, -15.1250



10.7383, -0.0673, -0.3901



9.5869, 24.9131, -59.6585



23.7554, 62.8483, -156.4802

Previews

White Background



This preview shows how the HunterLab color 21.0862, -6.9790, 11.0101 looks on a white background.

Color Contrast Check

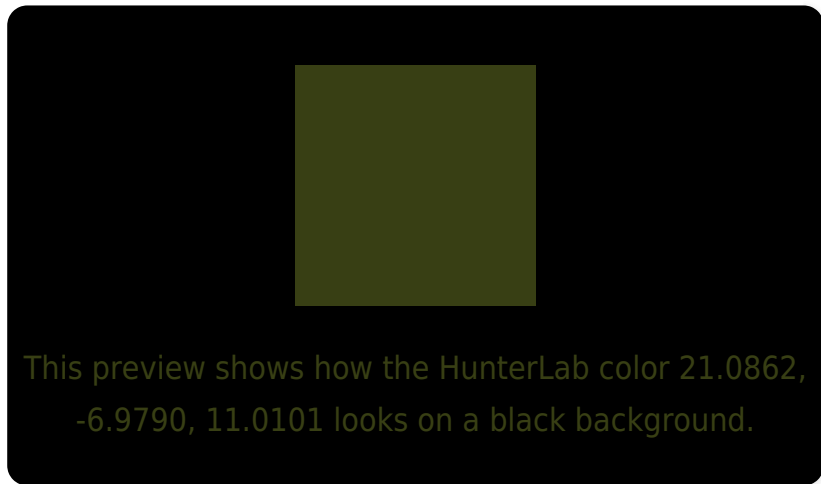
Large Text (above 18pt) WCAG AA ✓ Pass

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

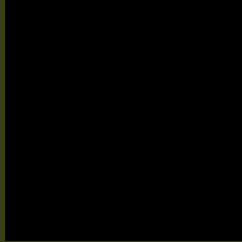
Any Text WCAG AA × Fail

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 21.0862, -6.9790, 11.0101 Background



This preview shows how black text looks on a background with the HunterLab color 21.0862, -6.9790, 11.0101.



This preview shows how white text looks on a background with the HunterLab color 21.0862, -6.9790,

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

21.0862, -6.9790, 11.0101

Protanopia

21.1472, -2.8378, 11.2538

Deuteranopia

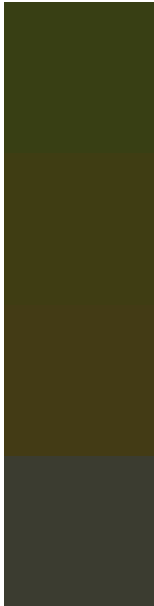
21.0714, 0.6694, 10.8600



Tritanopia

21.1158, -0.1561, -0.6108

Trichromacy



Original Color

21.0862, -6.9790, 11.0101

Protanomaly

21.0743, -4.3874, 11.1758

Deuteranomaly

20.9174, -2.3511, 10.8371

Tritanomaly

20.9163, -2.8687, 4.9118

Monochromacy



Original Color

21.0862, -6.9790, 11.0101

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

20.3546, -3.7794, 5.8189

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.0862, -6.9790, 11.0101 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(56, 63, 20)` looks like.

```
.text, #text, p{  
    color:rgb(56, 63, 20)  
}
```

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(56, 63, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 63, 20) }
```

Border

The CSS property to change the border of an element to HunterLab 21.0862, -6.9790, 11.0101 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(56, 63, 20) }
```


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

```
.border{ border-color:rgb(56, 63, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 63, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 63, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 63, 20);  
box-shadow:4px 4px 4px 4px rgb(56, 63, 20)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.0862, -6.9790, 11.0101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 63, 20) }
```

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

```
.background{ background-color: rgb(56, 63,  
20) }
```

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