

Converting Colors

HunterLab(21.6702, -10.5770,
4.5986)

Have a look what the booklet for
HunterLab(21.6702, -10.5770,
4.5986) contains.

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Color

**HunterLab(21.7102,
-10.6603, 4.6378)**

Conversions

Conversions Part 1

Format	Color
Hex	224433
RGB	34, 68, 51
RGB Percent	13%, 27%, 20%
CMY	0.8667, 0.7333, 0.8000
CMYK	0.50, 0.00, 0.25, 0.73
HSL	150°, 33%, 20%
HSV	150°, 50%, 27%
XYZ	3.3243, 4.7133, 3.8665
YIQ	55.8960, -14.8070, -12.4950

Conversions

Conversions Part 2

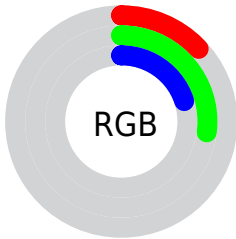
Format	Color
R _Y B	34, 57, 68
Decimal	2245683
CIE Lab	25.90, -17.10, 6.51
CIE LCh	26, 18.293, 159.163
Yxy	4.7135, 0.2793, 0.3959
Android (android.graphics.Color)	4280435763 (0xFF224433)
YUV	55.8960, -2.4137, -19.2028
Hunter-Lab	21.7102, -10.6603, 4.6378

Details

The HunterLab color **21.7102, -10.6603, 4.6378** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **16.1621, 10.9639, -1.3392**, and the grayscale version is **19.8628, -1.0598, 1.0792**.

A 20% lighter version of the original color is **38.8628, -13.8281, 6.4513**, and **8.6588, -6.9731, 4.2303** is the 20% darker color. If you saturate the color by 10%, you get **21.4016, -12.0158, 5.3497**, and if you desaturate by 10%, it is **22.0723, -9.1165, 3.9333**.

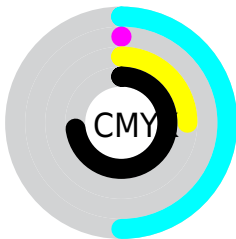
Distribution



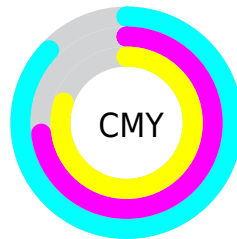
- Red (13%)
- Green (27%)
- Blue (20%)



- Red (13%)
- Yellow (22%)
- Blue (27%)



- Cyan (50%)
- Magenta (0%)
- Yellow (25%)
- Black (73%)



- Cyan (87%)
- Magenta (73%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.7102, -10.6603, 4.6378 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 21.7102, -10.6603, 4.6378 by changing the saturation by 10% instead.

■ 21.7102, -10.6603,
4.6378

■ 21.7102, -10.6603,
4.6378

■ 121.2530,
-24.4819, 13.1289

■ 14.4228, -8.8094,
3.7140

■ 38.9830, -13.9983,
6.4500

■ 8.0836, -9.6477,
3.7768

■ 48.8010, -15.5664,
7.3614

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 59.3279, -17.0956,
8.2838

0.0000, NaN, NaN

■ 70.5186, -18.5982,
9.2199

0.0000, NaN, NaN

■ 82.3361, -20.0827,
10.1716

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.7486, -21.5552,

107.7288,
-23.0204, 12.1255

21.7102, -10.6603,
4.6378

21.7102, -10.6603,
4.6378

21.4016, -12.0158,
5.3497

22.0723, -9.1165,
3.9333

21.1441, -13.1760,
6.0609

22.4869, -7.3933,
3.2423

20.9363, -14.1395,
6.7642

22.9541, -5.5035,
2.5708

20.7711, -14.9291,
7.4472

23.4733, -3.4616,
1.9241

20.6153, -15.6776,
8.0761

24.0432, -1.2828,
1.3063

■ 20.6153, -15.6776,
8.0761

■ 24.6625, 1.0170,
0.7206

■ 25.3293, 3.4224,
0.1693

■ 26.0418, 5.9187,
-0.3461

■ 26.7979, 8.4923,
-0.8249

Harmonies

Analogous

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



21.7106, -7.7851, 7.9220



21.7102, -10.6603, 4.6378



21.7106, -11.1407, -0.5829

Triad

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



21.7106, -10.6606, 4.6380



21.7106, 0.6515, -12.1752



21.7106, 8.2174, 6.8875

Complementary

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



21.7102, -10.6603, 4.6378



16.1621, 10.9639, -1.3392

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.



21.7106, 11.0311, 2.8097



21.7102, -10.6603, 4.6378



21.7106, 6.3701, -8.7997

Square

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



21.7106, -10.6606, 4.6380



21.7106, -4.9990, -11.3088



21.7106, 10.3216, -2.9567



21.7106, 2.9667, 8.9630

Rectangle

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



21.7102, -10.6603, 4.6378



21.7106, -10.0939, -4.6726



21.7106, 10.3216, -2.9567



21.7106, 9.5034, 5.7559

Sweetspot

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



21.7106, -10.6606, 4.6380



30.5532, -6.1048, 3.0130



22.2902, -8.9782, 9.5524



15.8648, -3.3151, 1.6123



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



21.7106, -10.6606, 4.6380



28.1232, -16.2558, 7.2923



22.1020, -8.3675, -0.9563



12.1291, -1.6158, 0.9412



29.5771, -22.7416, 12.1239



73.9600, -57.7527, 32.2280

Inverse Universe

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



16.1621, 10.9639, -1.3392



19.3209, 18.3717, -1.9693



15.7857, 9.1592, 4.0408



11.6085, 0.3818, 0.3637



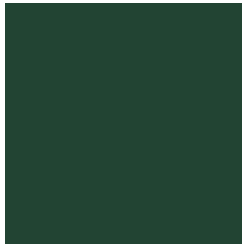
16.5923, 29.7235, 0.5769



41.3348, 73.6282, 4.6861

Previews

White Background



This preview shows how the HunterLab color 21.7102, -10.6603, 4.6378 looks on a white background.

Color Contrast Check

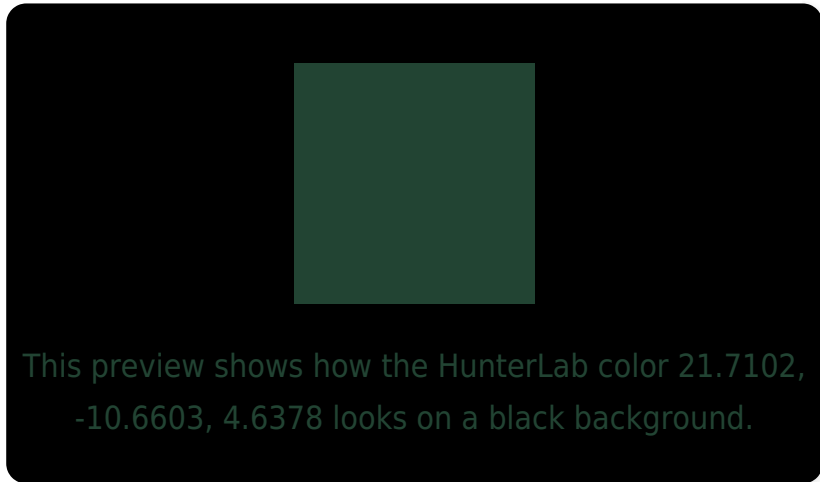
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.7102, -10.6603, 4.6378 Background



This preview shows how black text looks on a background with the HunterLab color 21.7102, -10.6603, 4.6378.



This preview shows how white text looks on a background with the HunterLab color 21.7102,

-10.6603, 4.6378.

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

21.7102, -10.6603, 4.6378

Protanopia

21.6211, -1.6580, 5.6257

Deuteranopia

21.6496, 1.1312, 4.1361



Tritanopia

21.6029, -5.8750, -3.1521

Trichromacy



Original Color

21.7102, -10.6603, 4.6378

Protanomaly

21.6167, -5.5498, 5.2531

Deuteranomaly

21.3613, -3.7082, 4.0804

Tritanomaly

21.5868, -7.7063, -0.1555

Monochromacy



Original Color

21.7102, -10.6603, 4.6378

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

20.3136, -4.7881, 2.2469

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.7102, -10.6603, 4.6378 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(34, 68, 51)` looks like.

```
.text, #text, p{  
    color:rgb(34, 68, 51)  
}
```

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(34, 68, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 68, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 21.7102, -10.6603, 4.6378 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(34, 68, 51) }
```


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

```
.border{ border-color:rgb(34, 68, 51) }
```

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

Here you see how a box with a 4 pixel rgb(34, 68, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 68, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 68, 51);  
box-shadow:4px 4px 4px 4px rgb(34, 68, 51)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.7102, -10.6603, 4.6378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 68, 51) }
```

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

```
.background{ background-color: rgb(34, 68,  
51) }
```

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](#).

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