

Converting Colors

HunterLab(21.7931, -13.9740,
9.2249)

Have a look what the booklet for
HunterLab(21.7931, -13.9740,
9.2249) contains.

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Color

**HunterLab(21.7646,
-13.9469, 9.2475)**

Conversions

Conversions Part 1

Format	Color
Hex	1C4621
RGB	28, 70, 33
RGB Percent	11%, 27%, 13%
CMY	0.8902, 0.7255, 0.8706
CMYK	0.60, 0.00, 0.53, 0.73
HSL	127°, 43%, 19%
HSV	127°, 60%, 27%
XYZ	2.9435, 4.7370, 2.1980
YIQ	53.2240, -13.1550, -20.4110

Conversions

Conversions Part 2

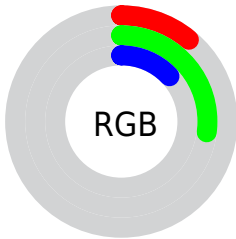
Format	Color
R_YB	28, 66, 70
Decimal	1852961
CIE _{Lab}	25.97, -23.90, 17.91
CIE _{LCh}	26, 29.862, 143.151
Y _{xy}	4.7372, 0.2980, 0.4795
Android (android.graphics.Color)	4280043041 (0xFF1C4621)
YUV	53.2240, -9.9704, -22.1214
Hunter-Lab	21.7646, -13.9469, 9.2475

Details

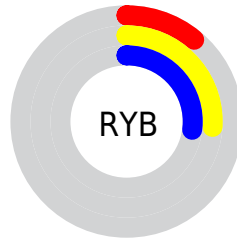
The HunterLab color **21.7646, -13.9469, 9.2475** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **15.8566, 16.1009, -8.6473**, and the grayscale version is **18.9802, -1.0127, 1.0312**.

A 20% lighter version of the original color is **39.0899, -18.3941, 12.8326**, and **9.3741, -8.0383, 5.6355** is the 20% darker color. If you saturate the color by 10%, you get **21.4902, -15.2194, 10.1426**, and if you desaturate by 10%, it is **22.1030, -12.4145, 8.2145**.

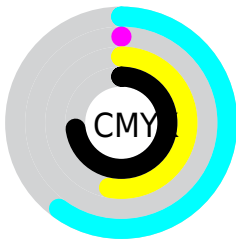
Distribution



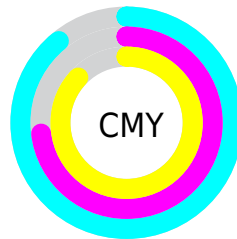
- Red (11%)
- Green (27%)
- Blue (13%)



- Red (11%)
- Yellow (26%)
- Blue (27%)



- Cyan (60%)
- Magenta (0%)
- Yellow (53%)
- Black (73%)



- Cyan (89%)
- Magenta (73%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.7646, -13.9469, 9.2475 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 21.7646, -13.9469, 9.2475 by changing the saturation by 10% instead.

■ 21.7646, -13.9469,
9.2475

■ 21.7646, -13.9469,
9.2475

121.3495,
-31.3529, 23.6849

■ 14.4703, -11.4573,
7.3705

■ 39.0491, -18.3225,
12.7952

■ 8.1314, -13.2401,
5.6919

■ 48.8723, -20.3332,
14.4436

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 59.4039, -22.2697,
16.0423

0.0000, NaN, NaN

■ 70.5992, -24.1515,
17.6062

0.0000, NaN, NaN

■ 82.4209, -25.9920,
19.1458

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.8375, -27.8010,

107.8216,
-29.5861, 22.1802

21.7646, -13.9469,
9.2475

21.7646, -13.9469,
9.2475

21.4902, -15.2194,
10.1426

22.1030, -12.4145,
8.2145

21.2762, -16.2287,
10.8939

22.5051, -10.6303,
7.0517

21.1157, -16.9976,
11.4966

22.9716, -8.6091,
5.7703

20.9732, -17.6736,
11.9376

23.5019, -6.3694,
4.3831

24.0947, -3.9325,
2.9033

■ 24.7484, -1.3207,
1.3447

■ 25.4607, 1.4435,
-0.2796

■ 26.2291, 4.3384,
-1.9575

■ 27.0511, 7.3437,
-3.6777

Harmonies

Analogous

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



21.7651, -7.8952, 11.8775



21.7646, -13.9469, 9.2475



21.7651, -16.5046, 3.1585

Triad

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



21.7651, -13.9472, 9.2477



21.7651, -3.3003, -24.1276



21.7651, 18.3311, 6.9740

Complementary

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



21.7646, -13.9469, 9.2475



15.8566, 16.1009, -8.6473

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.



21.7651, 20.1302, -0.9932



21.7646, -13.9469, 9.2475



21.7651, 6.5033, -21.6447

Square

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



21.7651, -13.9472, 9.2477



21.7651, -11.0786, -17.8370



21.7651, 15.4877, -12.0411



21.7651, 10.9246, 11.0136

Rectangle

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



21.7646, -13.9469, 9.2475



21.7651, -16.2596, -3.1561



21.7651, 15.4877, -12.0411



21.7651, 19.6586, 4.7824

Sweetspot

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



21.7651, -13.9472, 9.2477



31.0901, -8.0100, 5.5417



23.6466, -6.7594, 11.6980



15.6566, -4.2809, 2.9432



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.



21.7651, -13.9472, 9.2477



28.1930, -20.7774, 13.8935



22.1196, -11.8155, 4.1011



12.8847, -1.9082, 1.4345



30.0588, -25.4648, 17.4003



74.1553, -63.2067, 43.7575

Inverse Universe

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



15.8566, 16.1009, -8.6473



19.0520, 26.1910, -13.8595



15.2160, 13.2302, 0.2840



12.3803, 0.6049, -0.0787



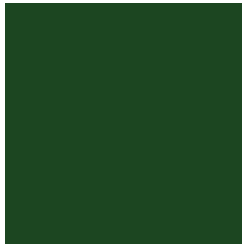
18.3744, 35.2661, -17.5786



45.2654, 86.7235, -42.1064

Previews

White Background



This preview shows how the HunterLab color 21.7646, -13.9469, 9.2475 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

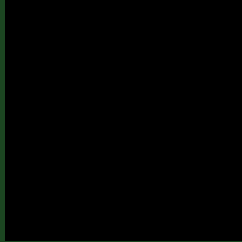
Any Text WCAG AA × Fail

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 21.7646, -13.9469, 9.2475 Background



This preview shows how black text looks on a background with the HunterLab color 21.7646, -13.9469, 9.2475.



This preview shows how white text looks on a background with the HunterLab color 21.7646,

-13.9469, 9.2475.

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

21.7646, -13.9469, 9.2475

Protanopia

21.5874, -2.3302, 9.8878

Deuteranopia

21.7972, 1.0323, 8.9094



Tritanopia

21.8253, -6.4215, -2.8579

Trichromacy



Original Color

21.7646, -13.9469, 9.2475

Protanomaly

21.2664, -7.4283, 9.3601

Deuteranomaly

21.3914, -5.5105, 8.6775

Tritanomaly

21.5634, -9.5466, 2.4768

Monochromacy



Original Color

21.7646, -13.9469, 9.2475

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

19.6486, -6.2606, 4.1981

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.7646, -13.9469, 9.2475 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(28, 70, 33)` looks like.

```
.text, #text, p{  
    color:rgb(28, 70, 33)  
}
```

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(28, 70, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 70, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 21.7646, -13.9469, 9.2475 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(28, 70, 33) }
```


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

```
.border{ border-color:rgb(28, 70, 33) }
```

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

Here you see how a box with a 4 pixel rgb(28, 70, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 70, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 70, 33);  
box-shadow:4px 4px 4px 4px rgb(28, 70, 33)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.7646, -13.9469, 9.2475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 70, 33) }
```

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

```
.background{ background-color: rgb(28, 70,  
33) }
```

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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