

# Converting Colors

HunterLab(21.8749, -13.7955,  
11.3153)

Have a look what the booklet for  
HunterLab(21.8749, -13.7955,  
11.3153) contains.

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# Color

**HunterLab(21.8507,  
-13.8524, 11.2967)**

# Conversions

## Conversions Part 1

Format	Color
Hex	224615
RGB	34, 70, 21
RGB Percent	13%, 27%, 8%
CMY	0.8667, 0.7255, 0.9176
CMYK	0.51, 0.00, 0.70, 0.73
HSL	104°, 54%, 18%
HSV	104°, 70%, 27%
XYZ	2.9852, 4.7745, 1.4737
YIQ	53.6500, -5.7270, -22.8710

# Conversions

## Conversions Part 2

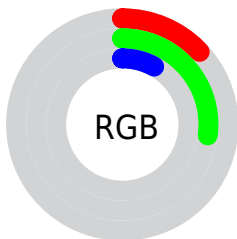
<b>Format</b>	<b>Color</b>
<b>RYB</b>	21, 70, 57
Decimal	2246165
CIELab	26.08, -23.64, 24.89
CIELCh	26, 34.327, 133.516
Yxy	4.7747, 0.3233, 0.5171
Android (android.graphics.Color)	4280436245 (0xFF224615)
YUV	53.6500, -16.0965, -17.2330
Hunter-Lab	21.8507, -13.8524, 11.2967

# Details

The HunterLab color **21.8507, -13.8524, 11.2967** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **13.5961, 16.3970, -16.6041**, and the grayscale version is **19.1426, -1.0214, 1.0401**.

A 20% lighter version of the original color is **39.2184, -18.2940, 16.0538**, and **9.3741, -8.0383, 5.6355** is the 20% darker color. If you saturate the color by 10%, you get **21.6133, -14.9283, 11.9168**, and if you desaturate by 10%, it is **22.1325, -12.5849, 10.4743**.

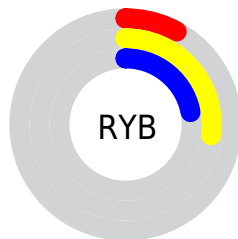
# Distribution



Red (13%)

Green (27%)

Blue (8%)



Red (8%)

Yellow (27%)

Blue (22%)

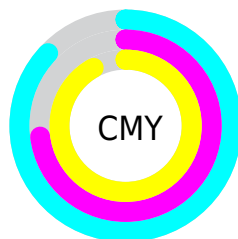


Cyan (51%)

Magenta (0%)

Yellow (70%)

Black (73%)



Cyan (87%)

Magenta (73%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.8507, -13.8524, 11.2967 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 21.8507, -13.8524, 11.2967 by changing the saturation by 10% instead.



■ 21.8507, -13.8524,  
11.2967

■ 21.8507, -13.8524,  
11.2967

■ 121.5021,  
-31.1128, 29.6265

■ 14.5455, -11.3910,  
9.3735

■ 39.1537, -18.1843,  
15.9827

■ 8.2063, -12.9889,  
5.7444

■ 48.9850, -20.1768,  
18.1164

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 59.5242, -22.0969,  
20.1597

0.0000, NaN, NaN

■ 70.7266, -23.9634,  
22.1353

0.0000, NaN, NaN

■ 82.5551, -25.7897,  
24.0592

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 94.9780, -27.5855,


25.9434


0.0000, NaN, NaN


 107.9683,  
-29.3580, 27.7969


 21.8507, -13.8524,  
11.2967


 21.8507, -13.8524,  
11.2967


 21.6133, -14.9283,  
11.9168


 22.1325, -12.5849,  
10.4743


 21.4162, -15.8202,  
12.3630


 22.4582, -11.1281,  
9.4455

 21.2478, -16.5971,  
12.8021

 22.8285, -9.4890,  
8.2110

 21.2477, -16.5972,  
12.8022

 23.2432, -7.6768,  
6.7753

 23.7021, -5.7028,  
5.1456

■ 24.2042, -3.5795,  
3.3315

■ 24.7486, -1.3201,  
1.3443

■ 25.3340, 1.0618,  
-0.8039

■ 25.9590, 3.5530,  
-3.1003

# Harmonies

## Analogous

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



21.8512, -5.8719, 13.0963



21.8507, -13.8524, 11.2967



21.8512, -17.9082, 6.1418

# Triad

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



21.8512, -13.8528, 11.2968



21.8512, -6.8240, -28.0355



21.8512, 23.2930, 5.3705

# Complementary

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



21.8507, -13.8524, 11.2967



13.5961, 16.3970, -16.6041

# 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.



21.8512, 22.8985, -5.2881



21.8507, -13.8524, 11.2967



21.8512, 3.9729, -28.6050

# Square

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



21.8512, -13.8528, 11.2968



21.8512, -14.4310, -17.5750



21.8512, 15.2954, -18.8804



21.8512, 16.2859, 10.9721



# Rectangle

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



21.8507, -13.8524, 11.2967



21.8512, -18.4562, -0.0746



21.8512, 15.2954, -18.8804



21.8512, 24.0578, 2.3821

# Sweetspot

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



21.8512, -13.8528, 11.2968



31.1429, -8.0232, 7.2069



20.6788, -0.6137, 10.6970



15.7041, -4.2050, 3.7674



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.



21.8512, -13.8528, 11.2968



28.3075, -20.5828, 16.1603



21.5560, -14.8167, 9.1789



12.9355, -1.7452, 1.6343



30.3873, -24.1569, 18.3016



74.7515, -60.7746, 44.9976



# Inverse Universe

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



13.5961, 16.3970, -16.6041



15.6676, 26.2800, -28.0285



14.6623, 17.8309, -7.1480



12.3232, 0.4323, -0.3142



15.2598, 32.0927, -36.3390

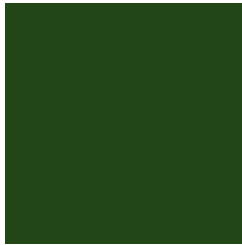


37.0555, 78.4176, -92.0152



# Previews

## White Background



This preview shows how the HunterLab color 21.8507, -13.8524, 11.2967 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

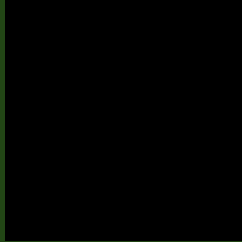
Any Text WCAG AA × Fail

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 21.8507, -13.8524, 11.2967 Background



This preview shows how black text looks on a background with the HunterLab color 21.8507, -13.8524, 11.2967.



This preview shows how white text looks on a background with the HunterLab color 21.8507,

-13.8524, 11.2967.

# 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

21.8507, -13.8524, 11.2967

### Protanopia

21.8116, -3.0262, 11.7125

### Deuteranopia

21.8538, 0.9618, 10.9879



## Tritanopia

21.7925, -5.1775, -2.8807

# Trichromacy



## Original Color

21.8507, -13.8524, 11.2967

## Protanomaly

21.6145, -7.7034, 11.3685

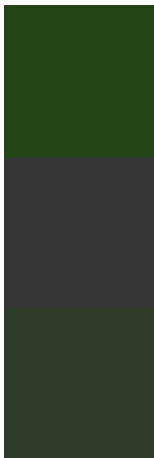
## Deuteranomaly

21.4780, -5.4499, 10.7538

## Tritanomaly

21.7312, -9.0768, 4.0423

# Monochromacy



## Original Color

21.8507, -13.8524, 11.2967

## Achromatopsia

19.2066, -1.0248, 1.0435

## Achromatomaly

20.0081, -6.4115, 5.7255

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 21.8507, -13.8524, 11.2967 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, 70, 21)` looks like.

```
.text, #text, p{  
  color:rgb(34, 70, 21)  
}
```

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, 70, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 70, 21) }
```

## Border

The CSS property to change the border of an element to HunterLab 21.8507, -13.8524, 11.2967 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, 70, 21) }
```



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

```
.border{ border-color:rgb(34, 70, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 70, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 70, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 70, 21);  
box-shadow:4px 4px 4px 4px rgb(34, 70, 21)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 21.8507, -13.8524, 11.2967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 70, 21) }
```

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

```
.background{ background-color: rgb(34, 70,  
21) }
```

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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