

# Converting Colors

HunterLab(24.3947, -17.9920,  
11.5744)

Have a look what the booklet for  
HunterLab(24.3947, -17.9920,  
11.5744) contains.

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# Color

**HunterLab(24.4432,  
-18.0595, 11.6012)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	13501F
RGB	19, 80, 31
RGB Percent	7%, 31%, 12%
CMY	0.9255, 0.6863, 0.8784
CMYK	0.76, 0.00, 0.61, 0.69
HSL	132°, 62%, 19%
HSV	132°, 76%, 31%
XYZ	3.3845, 5.9747, 2.2712
YIQ	56.1750, -20.6270, -28.1710

# Conversions

## Conversions Part 2

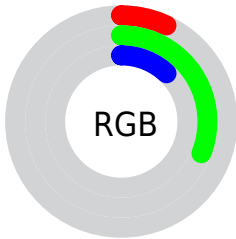
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	19, 70, 80
Decimal	1265695
CIE <sub>Lab</sub>	29.35, -30.97, 23.13
CIE <sub>LCh</sub>	29, 38.657, 143.244
Yxy	5.9749, 0.2910, 0.5137
Android (android.graphics.Color)	4279455775 (0xFF13501F)
YUV	56.1750, -12.4113, -32.6025
Hunter-Lab	24.4432, -18.0595, 11.6012

# Details

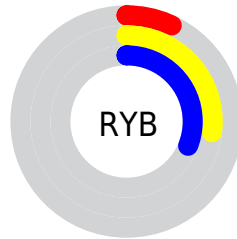
The HunterLab color **24.4432, -18.0595, 11.6012** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **16.0893, 22.7076, -9.8415**, and the grayscale version is **19.9923, -1.0667, 1.0862**.

A 20% lighter version of the original color is **42.2833, -23.3601, 15.8007**, and **11.2328, -9.6321, 6.7530** is the 20% darker color. If you saturate the color by 10%, you get **24.2427, -19.0270, 12.4141**, and if you desaturate by 10%, it is **24.7120, -16.7985, 10.6491**.

# Distribution



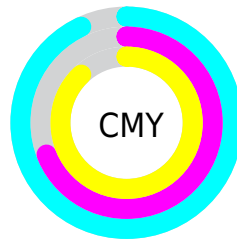
- Red (7%)
- Green (31%)
- Blue (12%)



- Red (7%)
- Yellow (27%)
- Blue (31%)



- Cyan (76%)
- Magenta (0%)
- Yellow (61%)
- Black (69%)



- Cyan (93%)
- Magenta (69%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.4432, -18.0595, 11.6012 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 24.4432, -18.0595, 11.6012 by changing the saturation by 10% instead.



■ 24.4432, -18.0595,  
11.6012

■ 24.4432, -18.0595,  
11.6012

■ 126.0365,  
-39.0114, 28.7378

■ 16.8222, -15.0046,  
9.2552

■ 42.2837, -23.4155,  
15.8990

■ 10.2155, -13.8987,  
7.1508

■ 52.3517, -25.8598,  
17.8794

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.1120, -28.2014,  
19.7875

0.0000, NaN, NaN

■ 74.5227, -30.4642,  
21.6416

0.0000, NaN, NaN

■ 86.5485, -32.6653,  
23.4550

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 99.1596, -34.8175,

112.3299,  
-36.9303, 26.9965

24.4432, -18.0595,  
11.6012

24.4432, -18.0595,  
11.6012

24.2427, -19.0270,  
12.4141

24.7120, -16.7985,  
10.6491

24.0854, -19.7921,  
13.0703

25.0512, -15.2396,  
9.5640

24.0296, -20.0611,  
13.2712

25.4635, -13.3884,  
8.3557

25.9497, -11.2574,  
7.0363

26.5099, -8.8649,  
5.6190

■ 27.1432, -6.2334,  
4.1184

■ 27.8479, -3.3874,  
2.5488

■ 28.6219, -0.3529,  
0.9240

■ 29.4624, 2.8448,  
-0.7432

# Harmonies

## Analogous

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



24.4437, -10.2775, 14.5459



24.4432, -18.0595, 11.6012



24.4437, -21.2546, 3.9269

# Triad

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



24.4437, -18.0598, 11.6013



24.4437, -4.1332, -35.1914



24.4437, 25.6583, 8.8824

# Complementary

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



24.4432, -18.0595, 11.6012



16.0893, 22.7076, -9.8415

# 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.



24.4437, 28.2404, -1.5861



24.4432, -18.0595, 11.6012



24.4437, 9.1820, -31.4238

# Square

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



24.4437, -18.0598, 11.6013



24.4437, -14.3552, -25.8304



24.4437, 21.6955, -17.2277



24.4437, 15.2289, 13.6355



# Rectangle

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



24.4432, -18.0595, 11.6012



24.4437, -20.9408, -4.6619



24.4437, 21.6955, -17.2277



24.4437, 27.5505, 6.1083

# Sweetspot

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



24.4437, -18.0598, 11.6013



35.2119, -10.8983, 6.9531



26.5389, -9.9367, 14.8028



17.8410, -5.9346, 3.7632



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353



# Same Dimension

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



24.4437, -18.0598, 11.6013



31.8530, -25.9766, 17.2102



24.9190, -15.1618, 4.6908



14.4814, -2.1548, 1.5423



31.7242, -26.6121, 17.7953



76.1156, -64.3568, 43.7898



# Inverse Universe

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



16.0893, 22.7076, -9.8415



19.5538, 34.5054, -13.8036



15.2095, 19.1103, 2.4533



13.8790, 0.6924, -0.0104



19.0155, 35.9291, -13.7938

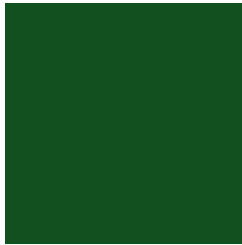


45.5261, 85.7888, -31.2326



# Previews

## White Background



This preview shows how the HunterLab color 24.4432, -18.0595, 11.6012 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

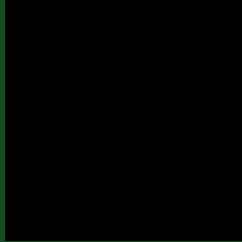
Any Text WCAG AA × Fail

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 24.4432, -18.0595, 11.6012 Background



This preview shows how black text looks on a background with the HunterLab color 24.4432, -18.0595, 11.6012.



This preview shows how white text looks on a background with the HunterLab color 24.4432,

-18.0595, 11.6012.

# 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

24.4432, -18.0595, 11.6012

### Protanopia

24.3267, -2.9610, 12.2606

### Deuteranopia

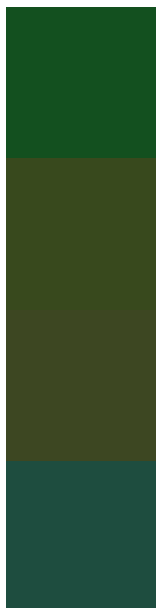
24.3907, 1.2110, 11.1853



## Tritanopia

24.4976, -8.4144, -3.8926

# Trichromacy



## Original Color

24.4432, -18.0595, 11.6012

## Protanomaly

23.8633, -10.0809, 11.6399

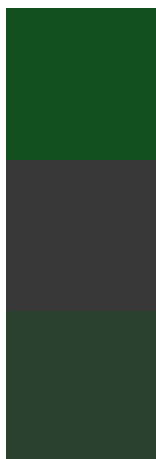
## Deuteranomaly

23.6940, -7.8164, 10.6764

## Tritanomaly

24.3776, -12.7381, 3.3608

# Monochromacy



## Original Color

24.4432, -18.0595, 11.6012

## Achromatopsia

19.8862, -1.0611, 1.0805

## Achromatomaly

21.2118, -8.5123, 5.4046

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 24.4432, -18.0595, 11.6012 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(19, 80, 31)` looks like.

```
.text, #text, p{  
    color:rgb(19, 80, 31)  
}
```

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(19, 80, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 80, 31) }
```

## Border

The CSS property to change the border of an element to HunterLab 24.4432, -18.0595, 11.6012 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(19, 80, 31) }
```



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

```
.border{ border-color:rgb(19, 80, 31) }
```

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

Here you see how a box with a 4 pixel rgb(19, 80, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 80, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 80, 31);  
box-shadow:4px 4px 4px 4px rgb(19, 80, 31)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 24.4432, -18.0595, 11.6012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 80, 31) }
```

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

```
.background{ background-color: rgb(19, 80,  
31) }
```

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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