

# Converting Colors

HunterLab(26.0450, -10.2584,  
12.8189)

Have a look what the booklet for  
HunterLab(26.0450, -10.2584,  
12.8189) contains.

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# Color

**HunterLab(26.0504,  
-10.1557, 12.7642)**

# Conversions

## Conversions Part 1

Format	Color
Hex	404F20
RGB	64, 79, 32
RGB Percent	25%, 31%, 13%
CMY	0.7490, 0.6902, 0.8745
CMYK	0.19, 0.00, 0.59, 0.69
HSL	79°, 42%, 22%
HSV	79°, 59%, 31%
XYZ	5.1710, 6.7862, 2.4038
YIQ	69.1570, 6.1470, -17.7970

# Conversions

## Conversions Part 2

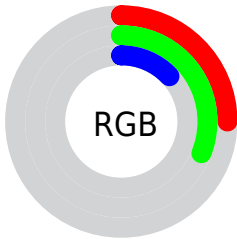
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	32, 79, 47
Decimal	4214560
CIE <sub>Lab</sub>	31.32, -14.49, 25.47
CIE <sub>LCh</sub>	31, 29.303, 119.628
Yxy	6.7865, 0.3601, 0.4725
Android (android.graphics.Color)	4282404640 (0xFF404F20)
YUV	69.1570, -18.3184, -4.5227
Hunter-Lab	26.0504, -10.1557, 12.7642

# Details

The HunterLab color  $[26.0504, -10.1557, 12.7642]$  is a dark color, and the websafe version is hex  $666633$ . A complement of this color would be  $[14.8394, 11.3248, -20.2142]$ , and the grayscale version is  $[24.5118, -1.3079, 1.3318]$ .

A 20% lighter version of the original color is  $[44.1578, -12.9856, 17.3048]$ , and  $[11.3700, -6.3882, 6.8943]$  is the 20% darker color. If you saturate the color by 10%, you get  $[25.8185, -11.1944, 13.7161]$ , and if you desaturate by 10%, it is  $[26.3083, -8.9968, 11.5491]$ .

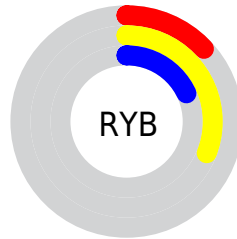
# Distribution



Red (25%)

Green (31%)

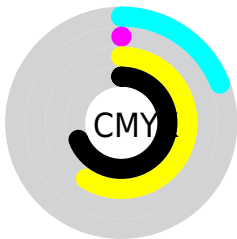
Blue (13%)



Red (13%)

Yellow (31%)

Blue (18%)

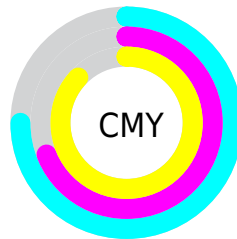


Cyan (19%)

Magenta (0%)

Yellow (59%)

Black (69%)



Cyan (75%)

Magenta (69%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 26.0504, -10.1557, 12.7642 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 26.0504, -10.1557, 12.7642 by changing the saturation by 10% instead.



■ 26.0504, -10.1557,  
12.7642

■ 26.0504, -10.1557,  
12.7642

■ 128.7936,  
-22.5338, 31.0631

■ 18.2454, -8.6077,  
10.2091

■ 44.2069, -13.0432,  
17.3740

■ 11.4271, -6.9220,  
7.9990

■ 54.4147, -14.4297,  
19.4963

■ 3.8168, -6.6794,  
2.6718

■ 65.3060, -15.7959,  
21.5380

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 76.8403, -17.1498,  
23.5184

0.0000, NaN, NaN

■ 88.9835, -18.4969,  
25.4518

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 101.7064,

-19.8414, 27.3486

0.0000, NaN, NaN

114.9839,  
-21.1862, 29.2170

26.0504, -10.1557,  
12.7642

26.0504, -10.1557,  
12.7642

25.8185, -11.1944,  
13.7161

26.3083, -8.9968,  
11.5491

25.6101, -12.1132,  
14.4155

26.5910, -7.7151,  
10.0629

25.4240, -12.9195,  
14.8841

26.8997, -6.3120,  
8.3025

25.2488, -13.6799,  
15.2917

27.2345, -4.7897,  
6.2671

25.2400, -13.7180,  
15.3126

27.5957, -3.1513,  
3.9589

■ 27.9830, -1.4006,  
1.3822

■ 28.3965, 0.4576,  
-1.4565

■ 28.8358, 2.4183,  
-4.5495

■ 29.3005, 4.4759,  
-7.8875

# Harmonies

## Analogous

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



26.0510, -1.2676, 13.8103



26.0504, -10.1557, 12.7642



26.0510, -15.8745, 9.0176

# Triad

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



26.0510, -10.1564, 12.7644



26.0510, -10.3409, -19.5634



26.0510, 20.5272, 1.3001

# Complementary

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



26.0504, -10.1557, 12.7642



14.8394, 11.3248, -20.2142

# 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.



26.0510, 17.1666, -9.5098



26.0504, -10.1557, 12.7642



26.0510, -1.5150, -23.9928

# Square

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



26.0510, -10.1564, 12.7644



26.0510, -15.9693, -9.2263



26.0510, 8.7115, -19.7656



26.0510, 17.3229, 8.8805



# Rectangle

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



26.0504, -10.1557, 12.7642



26.0510, -17.6073, 4.4743



26.0510, 8.7115, -19.7656



26.0510, 20.1214, -2.0603

# Sweetspot

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



26.0510, -10.1564, 12.7644



35.5409, -6.0660, 7.9248



19.4692, 7.1614, 7.9604



17.7023, -3.2012, 4.1939



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886



# Same Dimension

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



26.0510, -10.1564, 12.7644



33.5435, -15.0907, 18.2834



24.8197, -14.9822, 11.7669



13.8350, -1.5033, 1.8746



32.8393, -18.1310, 19.9180



79.6292, -45.3913, 48.2725



# Inverse Universe

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



14.8394, 11.3248, -20.2142



16.1722, 19.2065, -35.7836



17.0708, 16.9877, -14.8767



12.9568, 0.1038, -0.5024



11.2933, 27.8344, -58.5484



26.6675, 66.9868, -148.0208



# Previews

## White Background



This preview shows how the HunterLab color 26.0504, -10.1557, 12.7642 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

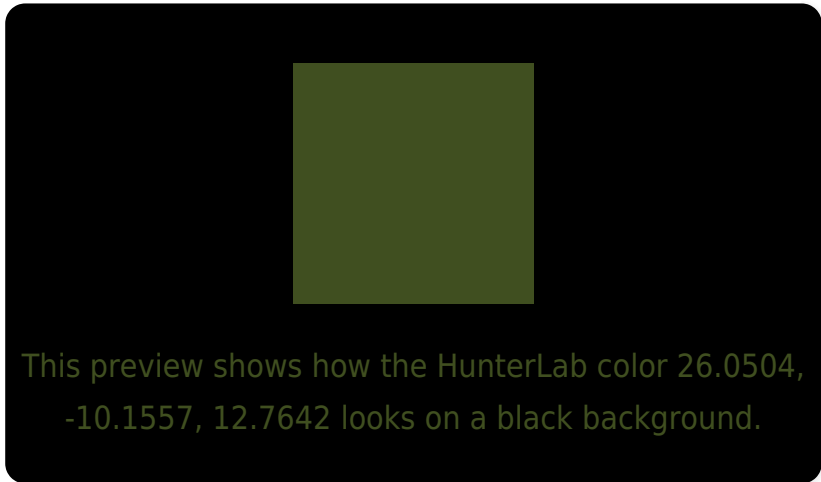
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

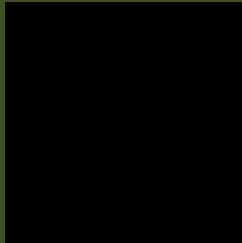
Any Text WCAG AA × Fail

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 26.0504, -10.1557, 12.7642 Background



This preview shows how black text looks on a background with the HunterLab color 26.0504, -10.1557, 12.7642.



This preview shows how white text looks on a background with the HunterLab color 26.0504,

-10.1557, 12.7642.

# 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

26.0504, -10.1557, 12.7642

### Protanopia

26.0483, -3.3530, 13.1963

### Deuteranopia

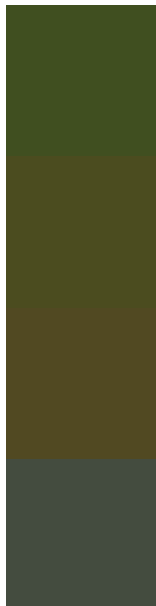
25.9342, 1.4728, 12.3710



## Tritanopia

26.0362, -1.5315, -1.2662

# Trichromacy



## Original Color

26.0504, -10.1557, 12.7642

## Protanomaly

26.0071, -6.1609, 12.9623

## Deuteranomaly

25.7486, -3.0177, 12.3286

## Tritanomaly

25.9937, -5.2099, 5.1996

# Monochromacy



## Original Color

26.0504, -10.1557, 12.7642

## Achromatopsia

24.3949, -1.3017, 1.3254

## Achromatomaly

24.9878, -5.0746, 6.4311

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 26.0504, -10.1557, 12.7642 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(64, 79, 32)` looks like.

```
.text, #text, p{  
    color:rgb(64, 79, 32)  
}
```

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(64, 79, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 79, 32) }
```

## Border

The CSS property to change the border of an element to HunterLab 26.0504, -10.1557, 12.7642 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(64, 79, 32) }
```



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

```
.border{ border-color:rgb(64, 79, 32) }
```

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

Here you see how a box with a 4 pixel rgb(64, 79, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 79, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 79, 32);  
box-shadow:4px 4px 4px 4px rgb(64, 79, 32)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 26.0504, -10.1557, 12.7642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 79, 32) }
```

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

```
.background{ background-color: rgb(64, 79,  
32) }
```

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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