

# Converting Colors

HunterLab(24.1168, -13.5126,  
6.7794)

Have a look what the booklet for  
HunterLab(24.1168, -13.5126,  
6.7794) contains.

<b>HunterLab(24.2812, -13.5763, 6.7913)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(24.2812,  
-13.5763, 6.7913)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	224D34
RGB	34, 77, 52
RGB Percent	13%, 30%, 20%
CMY	0.8667, 0.6980, 0.7961
CMYK	0.56, 0.00, 0.32, 0.70
HSL	145°, 39%, 22%
HSV	145°, 56%, 30%
XYZ	3.9334, 5.8958, 4.1795
YIQ	61.2930, -17.6030, -16.8910

# Conversions

## Conversions Part 2

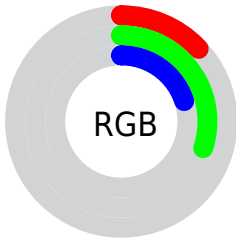
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	34, 64, 77
Decimal	2247988
CIE Lab	29.15, -21.66, 10.38
CIE LCh	29, 24.014, 154.401
Yxy	5.8960, 0.2808, 0.4209
Android (android.graphics.Color)	4280438068 (0xFF224D34)
YUV	61.2930, -4.5814, -23.9360
Hunter-Lab	24.2812, -13.5763, 6.7913

# Details

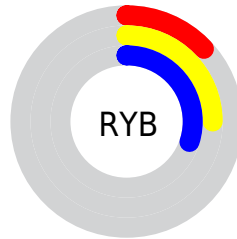
The HunterLab color **24.2812, -13.5763, 6.7913** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **17.4290, 14.7892, -3.0775**, and the grayscale version is **21.7235, -1.1591, 1.1803**.

A 20% lighter version of the original color is **41.9719, -17.3445, 8.8842**, and **10.5026, -8.4846, 5.1884** is the 20% darker color. If you saturate the color by 10%, you get **23.9605, -15.0266, 7.7086**, and if you desaturate by 10%, it is **24.6661, -11.8874, 5.8499**.

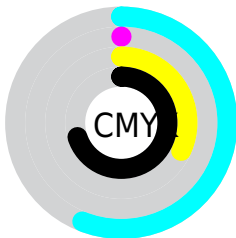
# Distribution



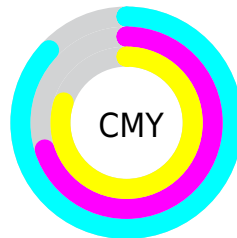
- Red (13%)
- Green (30%)
- Blue (20%)



- Red (13%)
- Yellow (25%)
- Blue (30%)



- Cyan (56%)
- Magenta (0%)
- Yellow (32%)
- Black (70%)



- Cyan (87%)
- Magenta (70%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.2812, -13.5763, 6.7913 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 24.2812, -13.5763, 6.7913 by changing the saturation by 10% instead.



■ 24.2812, -13.5763,  
6.7913

■ 24.2812, -13.5763,  
6.7913

125.7564,  
-29.6387, 17.2144

■ 16.6792, -11.3740,  
5.5456

■ 42.0892, -17.5279,  
9.1465

■ 10.0945, -9.9916,  
4.8496

■ 52.1428, -19.3691,  
10.2948

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.8896, -21.1541,  
11.4373

0.0000, NaN, NaN

■ 74.2876, -22.8981,  
12.5798

0.0000, NaN, NaN

■ 86.3014, -24.6115,  
13.7264

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 98.9010, -26.3024,

112.0603,  
-27.9766, 16.0419

24.2812, -13.5763,  
6.7913

24.2812, -13.5763,  
6.7913

23.9605, -15.0266,  
7.7086

24.6661, -11.8874,  
5.8499

23.7006, -16.2328,  
8.5912

25.1145, -9.9689,  
4.8935

23.4991, -17.1975,  
9.4297

25.6271, -7.8354,  
3.9317

23.3338, -18.0060,  
10.1996

26.2032, -5.5043,  
2.9733

23.2670, -18.3318,  
10.4915

26.8415, -2.9948,  
2.0260

■ 27.5404, -0.3271,  
1.0964

■ 28.2978, 2.4789,  
0.1899

■ 29.1114, 5.4038,  
-0.6891

■ 29.9788, 8.4297,  
-1.5375

# Harmonies

## Analogous

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



24.2817, -9.3264, 10.5034



24.2812, -13.5763, 6.7913



24.2817, -14.7083, 0.1819

# Triad

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



24.2817, -13.5766, 6.7915



24.2817, -0.1155, -18.0481



24.2817, 12.6109, 8.1725

# Complementary

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



24.2812, -13.5763, 6.7913



17.4290, 14.7892, -3.0775

# 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.



24.2817, 15.8561, 2.4088



24.2812, -13.5763, 6.7913



24.2817, 7.9340, -13.9537

# Square

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



24.2817, -13.5766, 6.7915



24.2817, -7.5411, -15.7391



24.2817, 14.0439, -5.8191



24.2817, 5.6499, 11.1027



# Rectangle

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



24.2812, -13.5763, 6.7913



24.2817, -13.6829, -5.4678



24.2817, 14.0439, -5.8191



24.2817, 14.2105, 6.5836

# Sweetspot

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



24.2817, -13.5766, 6.7915



33.9989, -7.7257, 4.0937



25.2108, -10.4779, 11.7922



17.3924, -4.1087, 2.1580



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.



24.2817, -13.5766, 6.7915



31.0859, -20.1741, 10.4591



24.7683, -10.6962, -0.1886



13.7009, -1.9098, 1.1771



31.1046, -24.6957, 14.4329



75.6052, -60.8377, 36.8312



# Inverse Universe

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



17.4290, 14.7892, -3.0775



20.5374, 23.9353, -4.4078



16.9092, 12.3803, 4.3291



13.1024, 0.5206, 0.2927



17.7305, 32.1626, -2.4857

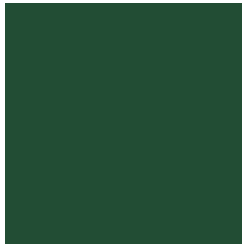


42.9485, 77.5214, -3.0275



# Previews

## White Background



This preview shows how the HunterLab color 24.2812, -13.5763, 6.7913 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

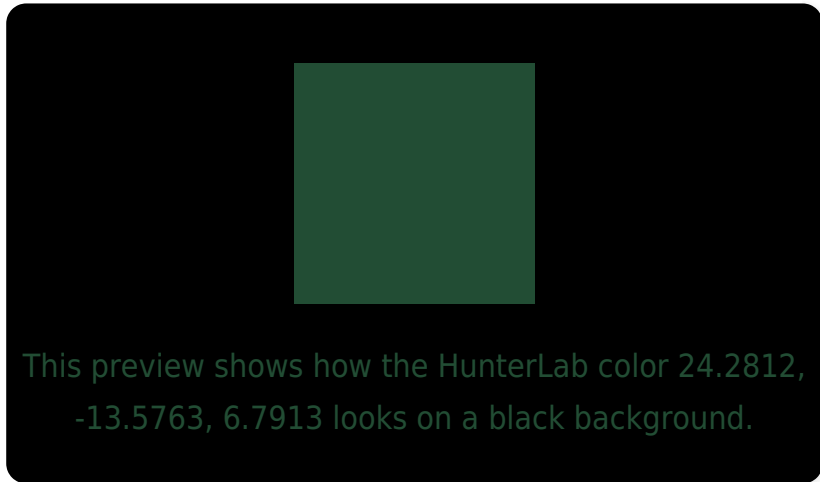
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

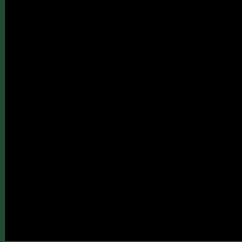
Any Text WCAG AA × Fail

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 24.2812, -13.5763, 6.7913 Background



This preview shows how black text looks on a background with the HunterLab color 24.2812, -13.5763, 6.7913.



This preview shows how white text looks on a background with the HunterLab color 24.2812, -13.5763, 6.7913.

-13.5763, 6.7913.

# 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

24.2812, -13.5763, 6.7913

### Protanopia

24.0904, -1.9638, 7.9279

### Deuteranopia

24.2440, 1.3516, 6.1235



## Tritanopia

24.4015, -7.4809, -3.0683

# Trichromacy



## Original Color

24.2812, -13.5763, 6.7913

## Protanomaly

23.7866, -7.0228, 7.2915

## Deuteranomaly

23.8818, -5.1250, 5.9617

## Tritanomaly

24.2758, -9.9313, 1.0338

# Monochromacy



## Original Color

24.2812, -13.5763, 6.7913

## Achromatopsia

21.6021, -1.1526, 1.1737

## Achromatomaly

22.4134, -6.2835, 3.1120

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 24.2812, -13.5763, 6.7913 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, 77, 52)` looks like.

```
.text, #text, p{  
    color:rgb(34, 77, 52)  
}
```

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, 77, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 77, 52) }
```

## Border

The CSS property to change the border of an element to HunterLab 24.2812, -13.5763, 6.7913 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, 77, 52) }
```



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

```
.border{ border-color:rgb(34, 77, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 77, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 77, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 77, 52);  
box-shadow:4px 4px 4px 4px rgb(34, 77, 52)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 24.2812, -13.5763, 6.7913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 77, 52) }
```

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

```
.background{ background-color: rgb(34, 77,  
52) }
```

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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