

# Converting Colors

HunterLab(25.1384, -20.4292,  
14.3463)

Have a look what the booklet for  
HunterLab(25.1384, -20.4292,  
14.3463) contains.

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# Color

**HunterLab(25.0823,  
-20.3294, 14.2775)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0C530C
RGB	12, 83, 12
RGB Percent	5%, 33%, 5%
CMY	0.9529, 0.6745, 0.9529
CMYK	0.86, 0.00, 0.86, 0.67
HSL	120°, 75%, 19%
HSV	120°, 86%, 33%
XYZ	3.3112, 6.2912, 1.3876
YIQ	53.6770, -19.5250, -37.1330

# Conversions

## Conversions Part 2

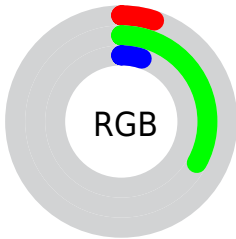
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	12, 83, 83
Decimal	807692
CIE <sub>Lab</sub>	30.14, -35.56, 32.83
CIE <sub>LCh</sub>	30, 48.396, 137.288
Yxy	6.2915, 0.3013, 0.5724
Android (android.graphics.Color)	4278997772 (0xFF0C530C)
YUV	53.6770, -20.5468, -36.5507
Hunter-Lab	25.0823, -20.3294, 14.2775

# Details

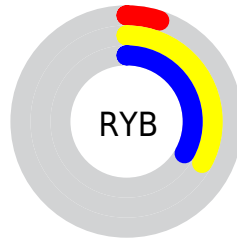
The HunterLab color **25.0823, -20.3294, 14.2775** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **16.5122, 27.9671, -18.7193**, and the grayscale version is **19.1698, -1.0229, 1.0415**.

A 20% lighter version of the original color is **42.8992, -26.2704, 20.0660**, and **11.7738, -10.0960, 7.0782** is the 20% darker color. If you saturate the color by 10%, you get **24.9374, -21.0216, 14.7455**, and if you desaturate by 10%, it is **25.2789, -19.4039, 13.6514**.

# Distribution



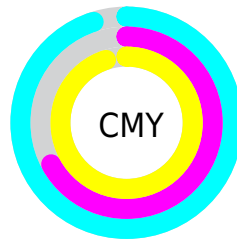
- Red (5%)
- Green (33%)
- Blue (5%)



- Red (5%)
- Yellow (33%)
- Blue (33%)



- Cyan (86%)
- Magenta (0%)
- Yellow (86%)
- Black (67%)




- Cyan (95%)
- Magenta (67%)
- Yellow (95%)


# Brightness & Saturation Gradients


These gradients show how the HunterLab color 25.0823, -20.3294, 14.2775 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 25.0823, -20.3294, 14.2775 by changing the saturation by 10% instead.





 25.0823, -20.3294,  
14.2775


 25.0823, -20.3294,  
14.2775


 127.1375,  
-43.6771, 36.7658


 17.3871, -16.8710,  
11.7203

 43.0499, -26.3644,  
20.0990

 10.6949, -15.4035,  
7.4864


 53.1741, -29.1036,  
22.7444

 1.2281, -2.1492,  
0.8597


 63.9870, -31.7184,  
25.2668

0.0000, NaN, NaN

0.0000, NaN, NaN

 75.4473, -34.2367,  
27.6928

0.0000, NaN, NaN

 87.5203, -36.6784,  
30.0423


0.0000, NaN, NaN


 100.1762,


0.0000, NaN, NaN


-39.0585, 32.3303


0.0000, NaN, NaN


 113.3895,  
-41.3884, 34.5685


 25.0823, -20.3294,  
14.2775


 25.0823, -20.3294,  
14.2775


 24.9374, -21.0216,  
14.7455


 25.2789, -19.4039,  
13.6514

 24.8732, -21.3287,  
14.9531

 25.5518, -18.1295,  
12.7897

 25.9060, -16.4985,  
11.6869

 26.3443, -14.5147,  
10.3458

 26.8682, -12.1921,  
8.7758

■ 27.4774, -9.5525,  
6.9918

■ 28.1711, -6.6235,  
5.0125

■ 28.9470, -3.4358,  
2.8588

■ 29.8025, -0.0216,  
0.5525

# Harmonies

## Analogous

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



25.0828, -9.9212, 16.6078



25.0823, -20.3294, 14.2775



25.0828, -25.0217, 7.0369

# Triad

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



25.0828, -20.3298, 14.2776



25.0828, -7.8167, -47.9617



25.0828, 35.7531, 8.6563

# Complementary

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



25.0823, -20.3294, 14.2775



16.5122, 27.9671, -18.7193

# 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.



25.0828, 36.7324, -6.0476



25.0823, -20.3294, 14.2775



25.0828, 8.5774, -46.4227

# Square

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



25.0828, -20.3298, 14.2776



25.0828, -19.1267, -31.5062



25.0828, 25.8148, -28.0937



25.0828, 23.4051, 14.8203



# Rectangle

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



25.0823, -20.3294, 14.2775



25.0828, -25.3171, -2.6811



25.0828, 25.8148, -28.0937



25.0828, 37.5165, 4.8329

# Sweetspot

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



25.0828, -20.3298, 14.2776



35.7459, -12.9473, 9.4495



28.3767, -7.3429, 16.6303



17.6700, -6.7526, 4.9108



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.



25.0828, -20.3298, 14.2776



32.4596, -27.8340, 19.5139



25.4445, -18.0926, 8.9713



14.4639, -2.2523, 1.7926



31.6413, -27.1323, 19.0220



75.9878, -65.1594, 45.6823



# Inverse Universe

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



16.5122, 27.9671, -18.7193



20.4830, 40.2700, -27.0131



15.2030, 22.9673, -0.9257



13.8989, 0.7991, -0.2925



19.9667, 39.2548, -26.3321



47.9506, 94.2716, -63.2369



# Previews

## White Background



This preview shows how the HunterLab color 25.0823, -20.3294, 14.2775 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

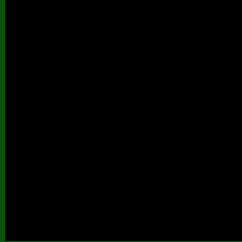
Any Text WCAG AA × Fail

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 25.0823, -20.3294, 14.2775 Background



This preview shows how black text looks on a background with the HunterLab color 25.0823, -20.3294, 14.2775.



This preview shows how white text looks on a background with the HunterLab color 25.0823,

-20.3294, 14.2775.

# 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

25.0823, -20.3294, 14.2775

### Protanopia

24.9589, -3.5902, 14.7710

### Deuteranopia

24.8843, 1.3733, 13.6673



## Tritanopia

25.1144, -8.8198, -3.9988

# Trichromacy



## Original Color

25.0823, -20.3294, 14.2775

## Protanomaly

24.2159, -11.8542, 14.0814

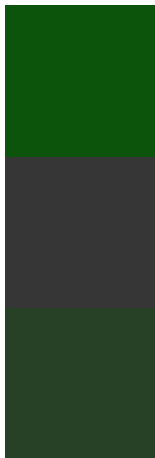
## Deuteranomaly

24.0850, -9.4191, 13.2674

## Tritanomaly

24.7394, -14.5306, 5.7130

# Monochromacy



## Original Color

25.0823, -20.3294, 14.2775

## Achromatopsia

19.2066, -1.0248, 1.0435

## Achromatomaly

20.8768, -10.0870, 7.2364

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 25.0823, -20.3294, 14.2775 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(12, 83, 12)` looks like.

```
.text, #text, p{  
    color:rgb(12, 83, 12)  
}
```

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(12, 83, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 83, 12) }
```

## Border

The CSS property to change the border of an element to HunterLab 25.0823, -20.3294, 14.2775 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(12, 83, 12) }
```



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

```
.border{ border-color:rgb(12, 83, 12) }
```

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

Here you see how a box with a 4 pixel rgb(12, 83, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 83, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 83, 12);  
box-shadow:4px 4px 4px 4px rgb(12, 83, 12)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 25.0823, -20.3294, 14.2775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 83, 12) }
```

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

```
.background{ background-color: rgb(12, 83,  
12) }
```

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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