

# Converting Colors

HunterLab(26.1987, 45.2179,  
14.2225)

Have a look what the booklet for  
HunterLab(26.1987, 45.2179,  
14.2225) contains.

<b>HunterLab(26.2031, 45.2314, 14.1588)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(26.2031, 45.2314,  
14.1588)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99001E
RGB	153, 0, 30
RGB Percent	60%, 0%, 12%
CMY	0.4000, 0.9999, 0.8824
CMYK	0.00, 1.00, 0.80, 0.40
HSL	348°, 100%, 30%
HSV	348°, 100%, 60%
XYZ	13.3712, 6.8660, 1.8488
YIQ	49.1670, 81.5580, 41.7660

# Conversions

## Conversions Part 2

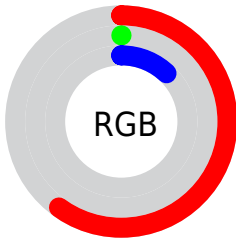
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 0, 30
Decimal	10027038
CIE <sub>Lab</sub>	31.50, 55.30, 30.49
CIE <sub>LCh</sub>	32, 63.149, 28.872
Yxy	6.8665, 0.6054, 0.3109
Android (android.graphics.Color)	4288217118 (0xFF99001E)
YUV	49.1670, -9.4493, 91.0615
Hunter-Lab	26.2031, 45.2314, 14.1588

# Details

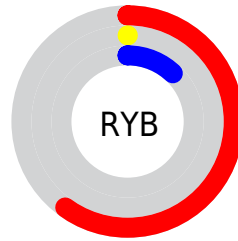
The HunterLab color **26.2031, 45.2314, 14.1588** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **49.2067, -31.8149, 7.1768**, and the grayscale version is **17.5963, -0.9389, 0.9560**.

A 20% lighter version of the original color is **44.3921, 49.5496, 19.5689**, and **15.2550, 26.1247, 9.8574** is the 20% darker color. If you saturate the color by 10%, you get **26.2028, 45.2306, 14.1613**, and if you desaturate by 10%, it is **27.0044, 43.5342, 12.5303**.

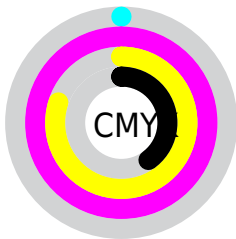
# Distribution



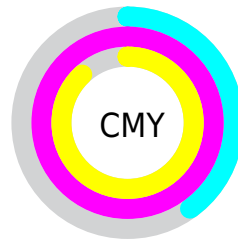
- Red (60%)
- Green (0%)
- Blue (12%)



- Red (60%)
- Yellow (0%)
- Blue (12%)



- Cyan (0%)
- Magenta (100%)
- Yellow (80%)
- Black (40%)



- Cyan (40%)
- Magenta (100%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 26.2031, 45.2314, 14.1588 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 26.2031, 45.2314, 14.1588 by changing the saturation by 10% instead.



■ 26.2031, 45.2314,  
14.1588

■ 26.2031, 45.2314,  
14.1588

■ 129.0540, 60.2913,  
35.2143

■ 18.3813, 43.2237,  
11.3834

■ 44.3893, 49.2493,  
19.5542

■ 11.5434, 41.5677,  
8.0804

■ 54.6102, 51.1329,  
22.0188

■ 4.0763, 67.2661,  
2.8534

■ 65.5137, 52.9106,  
24.3767

0.0000, INF, NaN

0.0000, NaN, NaN

■ 77.0595, 54.5820,  
26.6515

0.0000, NaN, NaN

■ 89.2137, 56.1507,  
28.8610

0.0000, NaN, NaN


■ 101.9472, 57.6216,


0.0000, NaN, NaN

31.0181


0.0000, NaN, NaN


 115.2347, 59.0000,  
33.1332


 26.2031, 45.2314,  
14.1588


 26.2031, 45.2314,  
14.1588


 26.2028, 45.2306,  
14.1613

 27.0044, 43.5342,  
12.5303

 28.2925, 40.6897,  
10.6756

 30.2064, 36.4940,  
8.8581

 32.7124, 31.3486,  
7.2273

 35.7456, 25.6708,  
5.8675

■ 39.2318, 19.7830,  
4.8043

■ 43.1006, 13.8893,  
4.0251

■ 47.2911, 8.0992,  
3.4993

■ 51.7533, 2.4593,  
3.1912

# Harmonies

## Analogous

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



26.2039, 53.7140, 0.6443



26.2031, 45.2314, 14.1588



26.2039, 23.4362, 18.3024

# Triad

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



26.2039, 45.2281, 14.1593



26.2039, -28.1336, 14.6633



26.2039, -2.2044, -75.6089

# Complementary

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



26.2031, 45.2314, 14.1588



49.2067, -31.8149, 7.1768

# 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.



26.2039, -19.4543, -59.0444



26.2031, 45.2314, 14.1588



26.2039, -31.1484, 2.1850

# Square

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



26.2039, 45.2281, 14.1593



26.2039, -18.4509, 18.3428



26.2039, -28.5686, -25.3761



26.2039, 21.5678, -61.1866



# Rectangle

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



26.2031, 45.2314, 14.1588



26.2039, 7.0216, 18.3428



26.2039, -28.5686, -25.3761



26.2039, -8.8755, -73.3438

# Sweetspot

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



26.2039, 45.2281, 14.1593



57.3517, 19.0633, 5.4398



25.4313, 52.5902, -53.6689



25.9921, 10.3811, 2.7286



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283



# Same Dimension

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



26.2039, 45.2281, 14.1593



35.0354, 60.4168, 19.4014



29.5291, 33.6208, 18.7830



24.9830, 0.9768, 1.5227



23.8298, 41.1508, 12.7507



2.9859, 5.2968, 0.5079



# Inverse Universe

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



26.2039, 45.2281, 14.1593



35.0354, 60.4168, 19.4014



35.8296, -7.8071, -27.9283



24.9830, 0.9768, 1.5227



23.8298, 41.1508, 12.7507



2.9859, 5.2968, 0.5079



# Previews

## White Background



This preview shows how the HunterLab color 26.2031, 45.2314, 14.1588 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 26.2031, 45.2314, 14.1588 Background



This preview shows how black text looks on a background with the HunterLab color 26.2031, 45.2314, 14.1588.



This preview shows how white text looks on a background with the HunterLab color 26.2031, 45.2314,



# 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

26.2031, 45.2314, 14.1588

### Protanopia

27.5414, -2.9346, 11.1301

### Deuteranopia

27.4552, 1.3319, 15.7053



## Tritanopia

26.5709, 42.7194, 17.1208

# Trichromacy



## Original Color

26.2031, 45.2314, 14.1588

## Protanomaly

23.9923, 17.3187, 9.9030

## Deuteranomaly

24.3773, 20.5507, 13.5348

## Tritanomaly

26.4010, 43.6135, 16.3207

# Monochromacy



## Original Color

26.2031, 45.2314, 14.1588

## Achromatopsia

17.5253, -0.9351, 0.9522

## Achromatomaly

17.8140, 17.3072, 3.9893

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 26.2031, 45.2314, 14.1588 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(153, 0, 30)` looks like.

```
.text, #text, p{  
    color:rgb(153, 0, 30)  
}
```

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(153, 0, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 0, 30) }
```

## Border

The CSS property to change the border of an element to HunterLab 26.2031, 45.2314, 14.1588 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(153, 0, 30) }
```



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

```
.border{ border-color:rgb(153, 0, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 0, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 0, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 0, 30);  
box-shadow:4px 4px 4px 4px rgb(153, 0, 30)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 26.2031, 45.2314, 14.1588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 0, 30) }
```

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

```
.background{ background-color: rgb(153, 0,  
30) }
```

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](#).

# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor