

# Converting Colors

Hex(268A14)

Have a look what the booklet for  
Hex(268A14) contains.

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**Color**

**Hex(268A14)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	268A14
RGB	38, 138, 20
RGB Percent	15%, 54%, 8%
CMY	0.8510, 0.4588, 0.9216
CMYK	0.72, 0.00, 0.86, 0.46
HSL	111°, 75%, 31%
HSV	111°, 86%, 54%
XYZ	10.0141, 18.6395, 3.7318
YIQ	94.6480, -21.7220, -57.8980

# Conversions

## Conversions Part 2

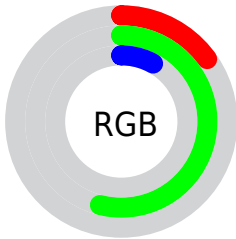
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 138, 120
Decimal	2525716
CIE <sub>Lab</sub>	50.26, -49.46, 49.28
CIE <sub>LCh</sub>	50, 69.822, 135.105
Yxy	18.6395, 0.3092, 0.5756
Android (android.graphics.Color)	4280715796 (0xFF268A14)
YUV	94.6480, -36.8015, -49.6803
Hunter-Lab	43.1735, -34.1507, 25.0966

# Details

The Hex color **268A14** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **78148A**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **64C04C**, and **005700** is the 20% darker color. If you saturate the color by 10%, you get **1A8A06**, and if you desaturate by 10%, it is **328A22**.

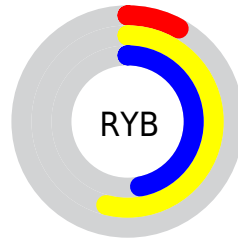
# Distribution



Red (15%)

Green (54%)

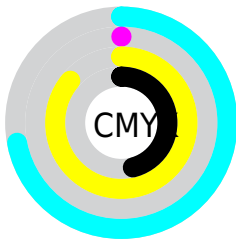
Blue (8%)



Red (8%)

Yellow (54%)

Blue (47%)

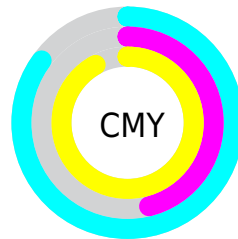


Cyan (72%)

Magenta (0%)

Yellow (86%)

Black (46%)



Cyan (85%)

Magenta (46%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 268A14 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 Hex color 268A14 by changing the saturation by 10% instead.





268A14



268A14

FFFFFF



007000



64C04C



005700



80DD66



003E00



9DFA80



002900



BAFF9C



000200



D7FFB7



000000



F4FFD4



FFFFFF1



268A14



268A14

■ 1A8A06

■ 328A22

■ 158A00

■ 3D8A30

■ 498A3D

■ 558A4B

■ 608A59

■ 6C8A67

■ 788A75

■ 848A82

■ 8F8A90

# Harmonies

## Analogous

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



757E00



268A14



009057

# Triad

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



268A14



0087EB



DF315C

# Complementary

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



268A14



78148A

# 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.



D23798



268A14



0075EC

# Square

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



268A14



0090CB



9E58CC



CE4D23

# Rectangle

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



268A14



009181



9E58CC



DE2D70



# Sweetspot

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



268A14



8BB384



8A7614



42593E



D9D9D9



595959



# Same Dimension

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



268A14



1BB300



148A3B



3F453E



148500



010500



# Inverse Universe

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



78148A



9700B3



8A1463



443E45



700085



040005



# Previews

## White Background



This preview shows how the Hex color 268A14 looks on a white background.

## Color Contrast Check

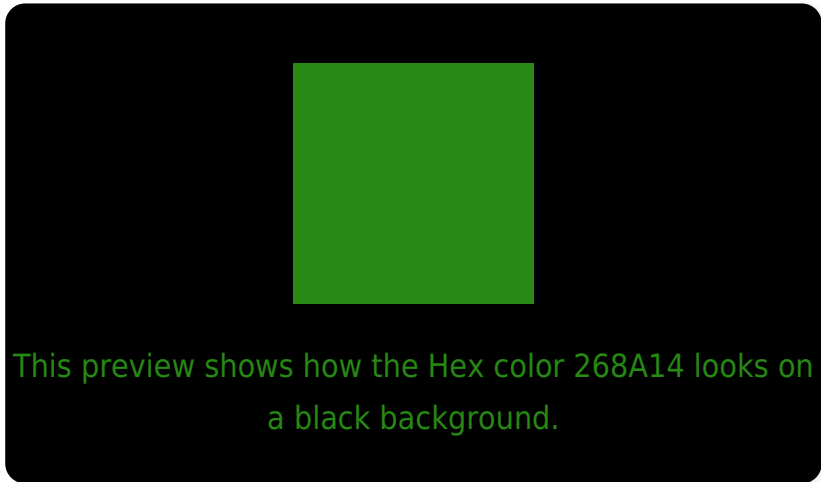
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 268A14 Background



This preview shows how black text looks on a background with the Hex color 268A14.



This preview shows how white text looks on a background with the Hex color 268A14.

# 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**  
268A14

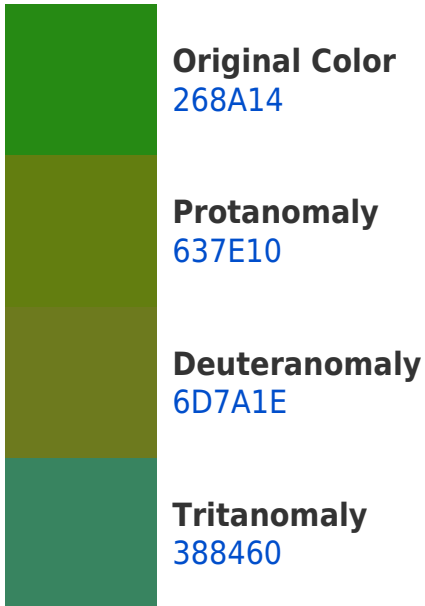
**Protanopia**  
86770E

**Deuteranopia**  
957123

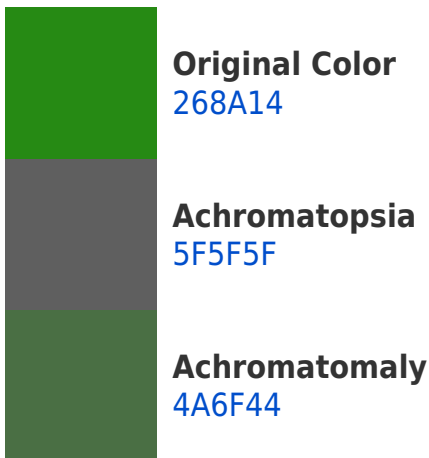


**Tritanopia**  
43808B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 268A14 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 #268A14 looks like.

```
.text, #text, p{  
    color:#268A14  
}
```

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 #268A14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #268A14
}
```

## Border

The CSS property to change the border of an element to Hex 268A14 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
#268A14 }
```

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

```
.border{ border-color:#268A14 }
```

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

Here you see how a box with a 4 pixel #268A14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #268A14; -webkit-box-shadow:4px 4px  
4px 4px #268A14; box-shadow:4px 4px 4px  
4px #268A14 }
```

# Background

The CSS property to change the background color of an element to Hex 268A14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#268A14 }
```

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

```
.background{ background-color:#268A14 }
```

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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