

# Converting Colors

Hex(276214)

Have a look what the booklet for  
Hex(276214) contains.

<b>Hex(276214)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(276214)

# Conversions

## Conversions Part 1

Format	Color
Hex	276214
RGB	39, 98, 20
RGB Percent	15%, 38%, 8%
CMY	0.8471, 0.6157, 0.9216
CMYK	0.60, 0.00, 0.80, 0.62
HSL	105°, 66%, 23%
HSV	105°, 80%, 38%
XYZ	5.3306, 9.2172, 2.1600
YIQ	71.4670, -10.1260, -36.7660

# Conversions

## Conversions Part 2

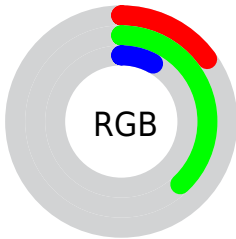
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 98, 79
Decimal	2581012
CIE <sub>Lab</sub>	36.40, -34.47, 36.20
CIE <sub>LCh</sub>	36, 49.988, 133.595
Yxy	9.2172, 0.3191, 0.5517
Android (android.graphics.Color)	4280771092 (0xFF276214)
YUV	71.4670, -25.3732, -28.4736
Hunter-Lab	30.3599, -21.7883, 17.0337

# Details

The Hex color **276214** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4F1462**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **5C9545**, and **003200** is the 20% darker color. If you saturate the color by 10%, you get **20620A**, and if you desaturate by 10%, it is **2E621E**.

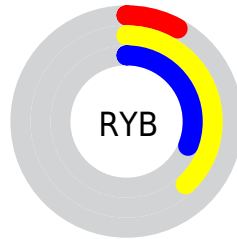
# Distribution



Red (15%)

Green (38%)

Blue (8%)



Red (8%)

Yellow (38%)

Blue (31%)

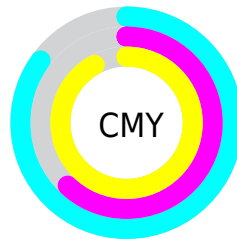


Cyan (60%)

Magenta (0%)

Yellow (80%)

Black (62%)



Cyan (85%)

Magenta (62%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 276214 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 276214 by changing the saturation by 10% instead.



 276214

 276214

FFFFFF

 074A00

 5C9545

 003200

 76B05E

 001E00

 91CC77

 000000

 ACE892

 C9FFAD

 E5FFC8

 FFFF E5

 276214

 276214

■ 20620A

■ 2E621E

■ 186200

■ 366228

■ 3D6231

■ 45623B

■ 4C6245

■ 53624F

■ 5B6259

■ 626262

■ 6A626C

# Harmonies

## Analogous

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



575900



276214



00663D

# Triad

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



276214



0060A3



9C2A45

# Complementary

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



276214



4F1462

# 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.



922F6D



276214



1454A4

# Square

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



276214



00668C



6E4290



93391F

# Rectangle

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



276214



006859



6E4290



9B2953



# Sweetspot

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



276214



688061



624F14



32402D



BFBFBF



404040



# Same Dimension

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



276214



238005



146228



2D302C



1B7000



3AF000



# Inverse Universe

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



4F1462



620580



62144F



2F2C30



550070

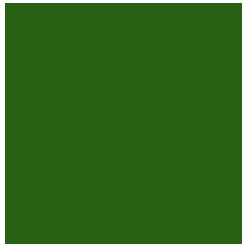


B500F0



# Previews

## White Background



This preview shows how the Hex color 276214 looks on a white background.

## Color Contrast Check

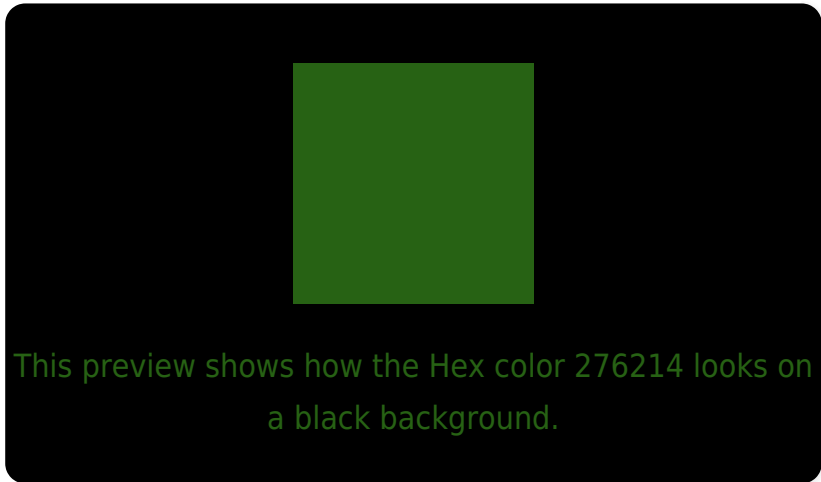
Large Text (above 18pt) WCAG AA ✓ Pass

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

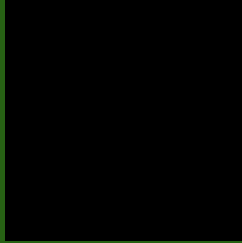
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 276214 Background



This preview shows how black text looks on a background with the Hex color 276214.



This preview shows how white text looks on a background with the Hex color 276214.

# 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**  
276214

**Protanopia**  
605611

**Deuteranopia**  
6B511C



**Tritanopia**  
375B63

# Trichromacy



**Original Color**  
276214

**Protanomaly**  
4B5A12

**Deuteranomaly**  
525719

**Tritanomaly**  
315E46

# Monochromacy



**Original Color**  
276214

**Achromatopsia**  
474747

**Achromatomaly**  
3B5134

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 276214 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 #276214 looks like.

```
.text, #text, p{  
    color:#276214  
}
```

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 #276214 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #276214
}
```

## Border

The CSS property to change the border of an element to Hex 276214 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".

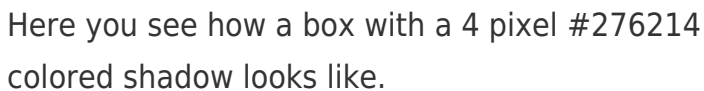
```
.border, #border, table{ border:4px solid
#276214 }
```

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

```
.border{ border-color:#276214 }
```

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

Here you see how a box with a 4 pixel #276214 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #276214; -webkit-box-shadow:4px 4px  
4px 4px #276214; box-shadow:4px 4px 4px  
4px #276214 }
```

# Background

The CSS property to change the background color of an element to Hex 276214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#276214 }
```

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

```
.background{ background-color:#276214 }
```

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