

# Converting Colors

Hex(326613)

Have a look what the booklet for  
Hex(326613) contains.

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# Color

**Hex(326613)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	326613
RGB	50, 102, 19
RGB Percent	20%, 40%, 7%
CMY	0.8039, 0.6000, 0.9255
CMYK	0.51, 0.00, 0.81, 0.60
HSL	98°, 69%, 24%
HSV	98°, 81%, 40%
XYZ	6.1843, 10.2279, 2.2643
YIQ	76.9900, -4.3490, -36.8370

# Conversions

## Conversions Part 2

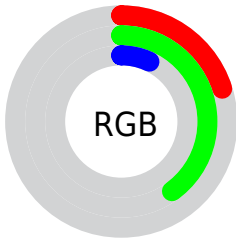
<b>Format</b>	<b>Color</b>
<b>RYB</b>	19, 102, 71
Decimal	3302931
CIELab	38.25, -32.72, 38.53
CIElCh	38, 50.554, 130.341
Yxy	10.2279, 0.3311, 0.5476
Android (android.graphics.Color)	4281493011 (0xFF326613)
YUV	76.9900, -28.5891, -23.6702
Hunter-Lab	31.9810, -21.4495, 18.1889

# Details

The Hex color **326613** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **471366**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **669A45**, and **003600** is the 20% darker color. If you saturate the color by 10%, you get **2C6609**, and if you desaturate by 10%, it is **38661D**.

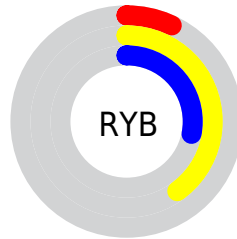
# Distribution



Red (20%)

Green (40%)

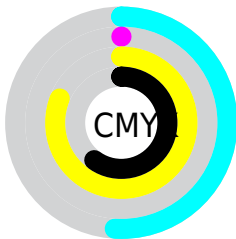
Blue (7%)



Red (7%)

Yellow (40%)

Blue (28%)

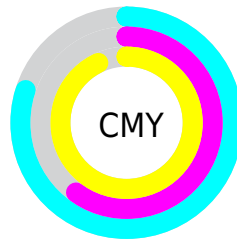


Cyan (51%)

Magenta (0%)

Yellow (81%)

Black (60%)



Cyan (80%)

Magenta (60%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 326613 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 326613 by changing the saturation by 10% instead.



 326613

 326613

FFFFFF

 174E00

 669A45

 003600

 80B55E

 002300

 9CD078

 000000

 B7ED92

 D4FFAD

 F1FFC9

 FFFFE5

 326613

 326613

■ 2C6609

■ 38661D

■ 266600

■ 3F6627

■ 456632

■ 4C663C

■ 526646

■ 586650

■ 5F665A

■ 656665

■ 6C666F

# Harmonies

## Analogous

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



605D00



326613



006B3D

# Triad

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



326613



0066A7



A22E4E

# Complementary

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



326613



471366

# 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.



953577



326613



005AAB

# Square

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



326613



006B8E



6D4899



9A3B27

# Rectangle

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



326613



006C59



6D4899



A12E5B



# Sweetspot

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



326613



718565



664613



36422F



C2C2C2



424242



# Same Dimension

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



326613



338503



13661D



30332E



2B7300



5AF200



# Inverse Universe

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



471366



540385



66135C



312E33



480073

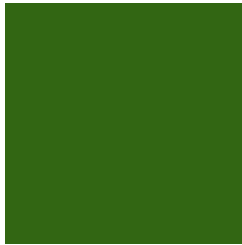


9800F2



# Previews

## White Background



This preview shows how the Hex color 326613 looks on a white background.

## Color Contrast Check

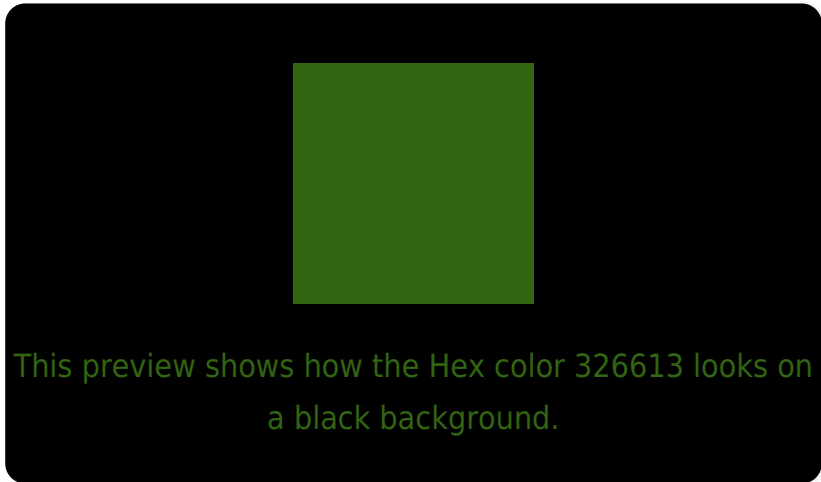
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 326613 Background



This preview shows how black text looks on a background with the Hex color 326613.



This preview shows how white text looks on a background with the Hex color 326613.

# 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**  
326613

**Protanopia**  
655A10

**Deuteranopia**  
70551C



**Tritanopia**  
405F67

# Trichromacy



**Original Color**  
326613

**Protanomaly**  
525E11

**Deuteranomaly**  
595B19

**Tritanomaly**  
3B6248

# Monochromacy



**Original Color**  
326613

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
435638

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 326613 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 #326613 looks like.

```
.text, #text, p{  
    color:#326613  
}
```

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 #326613 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #326613
}
```

## Border

The CSS property to change the border of an element to Hex 326613 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".

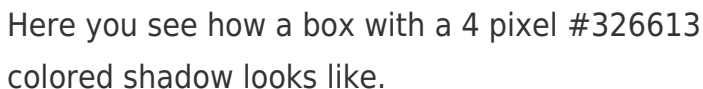
```
.border, #border, table{ border:4px solid
#326613 }
```

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

```
.border{ border-color:#326613 }
```

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

Here you see how a box with a 4 pixel #326613 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #326613; -webkit-box-shadow:4px 4px  
4px 4px #326613; box-shadow:4px 4px 4px  
4px #326613 }
```

# Background

The CSS property to change the background color of an element to Hex 326613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#326613 }
```

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

```
.background{ background-color:#326613 }
```

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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