

# Converting Colors

Hex(326A11)

Have a look what the booklet for  
Hex(326A11) contains.

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# Color

**Hex(326A11)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	326A11
RGB	50, 106, 17
RGB Percent	20%, 42%, 7%
CMY	0.8039, 0.5843, 0.9333
CMYK	0.53, 0.00, 0.84, 0.58
HSL	98°, 72%, 24%
HSV	98°, 84%, 42%
XYZ	6.5706, 11.0266, 2.3124
YIQ	79.1100, -4.8070, -39.5510

# Conversions

## Conversions Part 2

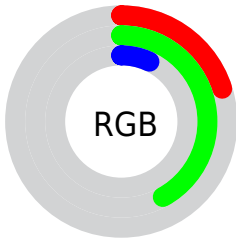
<b>Format</b>	<b>Color</b>
<b>RYB</b>	17, 106, 73
Decimal	3303953
CIELab	39.63, -34.56, 40.52
CIElCh	40, 53.255, 130.459
Yxy	11.0266, 0.3300, 0.5538
Android (android.graphics.Color)	4281494033 (0xFF326A11)
YUV	79.1100, -30.6202, -25.5295
Hunter-Lab	33.2064, -22.7911, 19.1158

# Details

The Hex color **326A11** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **49116A**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **679E44**, and **003A00** is the 20% darker color. If you saturate the color by 10%, you get **2B6A06**, and if you desaturate by 10%, it is **396A1C**.

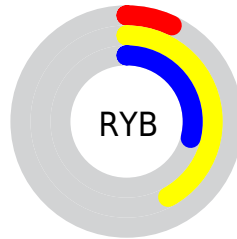
# Distribution



Red (20%)

Green (42%)

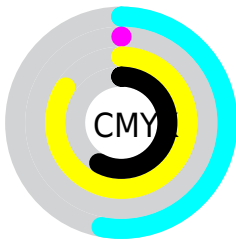
Blue (7%)



Red (7%)

Yellow (42%)

Blue (29%)

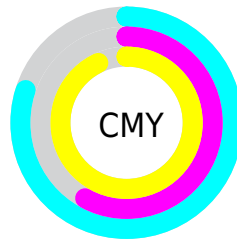


Cyan (53%)

Magenta (0%)

Yellow (84%)

Black (58%)



Cyan (80%)

Magenta (58%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 326A11 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 326A11 by changing the saturation by 10% instead.



 326A11

 326A11

FFFFFF

 155100

 679E44

 003A00

 81B95D

 002500

 9DD577

 000000

 B8F192

 D5FFAD

 F2FFC9

 FFFFE5

 326A11

 326A11

■ 2B6A06

■ 396A1C

■ 276A00

■ 3F6A26

■ 466A31

■ 4D6A3B

■ 536A46

■ 5A6A51

■ 616A5B

■ 676A66

■ 6E6A70

# Harmonies

## Analogous

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



636000



326A11



006F3E

# Triad

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



326A11



006AAF



AA2E50

# Complementary

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



326A11



49116A

# 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.



9C357B



326A11



005EB3

# Square

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



326A11



007095



724AA0



A13C27

# Rectangle

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



326A11



00715D



724AA0



A82D5F



# Sweetspot

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



326A11



748A67



6A4811



384530



C4C4C4



454545



# Same Dimension

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



326A11



338A00



116A1B



323630



2B7500



5BF500



# Inverse Universe

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



49116A



57008A



6A1160



343036



4A0075

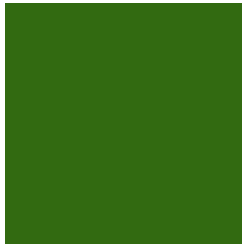


9A00F5



# Previews

## White Background



This preview shows how the Hex color 326A11 looks on a white background.

## Color Contrast Check

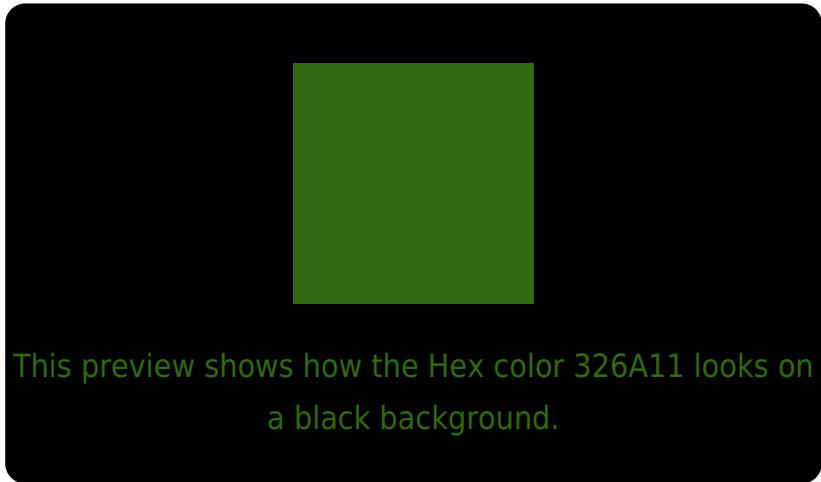
Large Text (above 18pt) WCAG AA ✓ Pass

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 326A11 Background



This preview shows how black text looks on a background with the Hex color 326A11.



This preview shows how white text looks on a background with the Hex color 326A11.

# 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**  
326A11

**Protanopia**  
695D0D

**Deuteranopia**  
75581B



**Tritanopia**  
41636B

# Trichromacy



**Original Color**  
326A11

**Protanomaly**  
55620E

**Deuteranomaly**  
5D5F17

**Tritanomaly**  
3C664A

# Monochromacy



**Original Color**  
326A11

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
445938

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 326A11 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 #326A11 looks like.

```
.text, #text, p{  
    color:#326A11  
}
```

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 #326A11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #326A11  
}
```

## Border

The CSS property to change the border of an element to Hex 326A11 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  
#326A11 }
```

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

```
.border{ border-color:#326A11 }
```

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

Here you see how a box with a 4 pixel #326A11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #326A11; -webkit-box-shadow:4px 4px  
4px 4px #326A11; box-shadow:4px 4px 4px  
4px #326A11 }
```

# Background

The CSS property to change the background color of an element to Hex 326A11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#326A11 }
```

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

```
.background{ background-color:#326A11 }
```

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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