

# Converting Colors

Hex(326453)

Have a look what the booklet for  
Hex(326453) contains.

<b>Hex(326453)</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(326453)

# Conversions

## Conversions Part 1

Format	Color
Hex	326453
RGB	50, 100, 83
RGB Percent	20%, 39%, 33%
CMY	0.8039, 0.6078, 0.6745
CMYK	0.50, 0.00, 0.17, 0.61
HSL	160°, 33%, 29%
HSV	160°, 50%, 39%
XYZ	7.4339, 10.4170, 9.8025
YIQ	83.1120, -24.3430, -15.8870

# Conversions

## Conversions Part 2

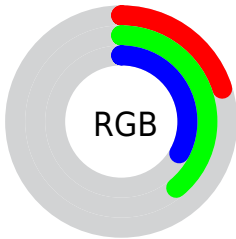
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 80, 100
Decimal	3302483
CIELab	38.58, -21.43, 4.47
CIELCh	39, 21.895, 168.227
Yxy	10.4170, 0.2688, 0.3767
Android (android.graphics.Color)	4281492563 (0xFF326453)
YUV	83.1120, -0.0552, -29.0392
Hunter-Lab	32.2754, -15.3684, 4.5855

# Details

The Hex color **326453** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **643243**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **649784**, and **003526** is the 20% darker color. If you saturate the color by 10%, you get **286450**, and if you desaturate by 10%, it is **3C6456**.

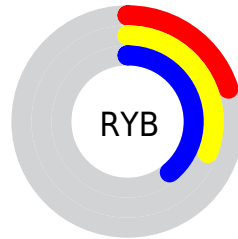
# Distribution



Red (20%)

Green (39%)

Blue (33%)



Red (20%)

Yellow (31%)

Blue (39%)

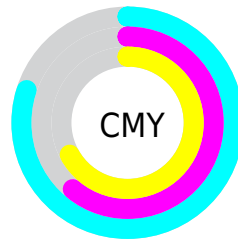


Cyan (50%)

Magenta (0%)

Yellow (17%)

Black (61%)



Cyan (80%)

Magenta (61%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 326453 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 326453 by changing the saturation by 10% instead.



 326453

 326453

FFFFFF

 194C3C

 649784

 003526

 7EB29F

 002012

 98CEB9

 000000

 B4EAD5

 D0FFF1

 ECFFFF

 326453

 326453

 286450

 3C6456

■ 1E644C

■ 46645A

■ 146449

■ 50645D

■ 0A6445

■ 5A6461

■ 006442

■ 646464

■ 6E6467

■ 78646B

■ 82646E

■ 8C6472

# Harmonies

## Analogous

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



486243



326453



1E6465

# Triad

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



326453



53597C



795141

# Complementary

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



326453



643243

# 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.



7E4E51



326453



6A5273

# Square

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



326453



375F7D



794E63



6D5738

# Rectangle

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



326453



1B6370



794E63



7C5046



# Sweetspot

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



326453



6F827B



446432



36423E



C2C2C2



424242



# Same Dimension

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



326453



348268



325D64



2E3331



00734C



00F2A0



# Inverse Universe

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



643243



82344F



643A32



332E30



730027

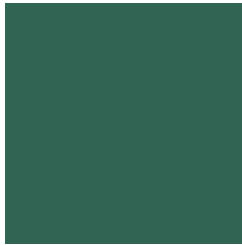


F20052



# Previews

## White Background



This preview shows how the Hex color 326453 looks on a white background.

## Color Contrast Check

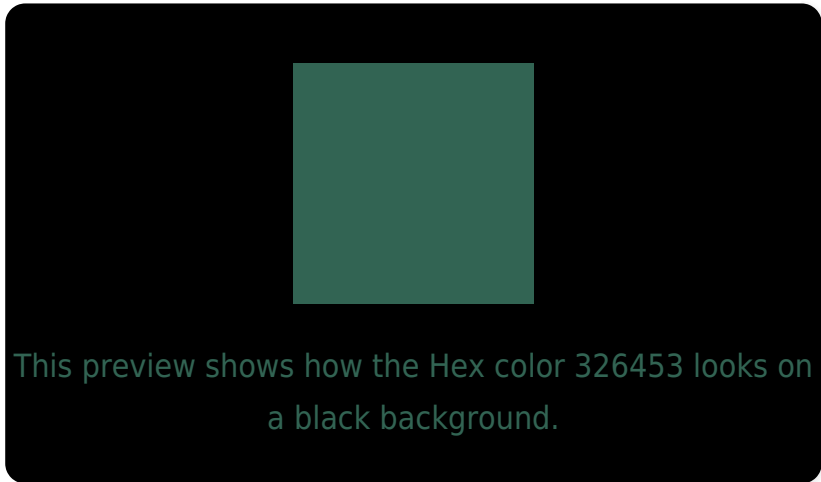
Large Text (above 18pt) WCAG AA ✓ Pass

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

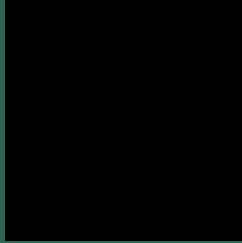
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 326453 Background



This preview shows how black text looks on a background with the Hex color 326453.



This preview shows how white text looks on a background with the Hex color 326453.

# 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**  
326453

**Protanopia**  
5F5A4E

**Deuteranopia**  
655756



**Tritanopia**  
386169

# Trichromacy



**Original Color**  
326453

**Protanomaly**  
4F5E50

**Deuteranomaly**  
525C55

**Tritanomaly**  
366261

# Monochromacy



**Original Color**  
326453

**Achromatopsia**  
535353

**Achromatomaly**  
475953

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 326453 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 #326453 looks like.

```
.text, #text, p{  
    color:#326453  
}
```

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 #326453 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #326453
}
```

## Border

The CSS property to change the border of an element to Hex 326453 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".

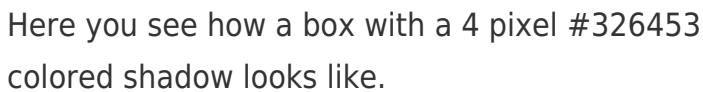
```
.border, #border, table{ border:4px solid
#326453 }
```

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

```
.border{ border-color:#326453 }
```

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

Here you see how a box with a 4 pixel #326453 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #326453; -webkit-box-shadow:4px 4px  
4px 4px #326453; box-shadow:4px 4px 4px  
4px #326453 }
```

# Background

The CSS property to change the background color of an element to Hex 326453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#326453 }
```

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

```
.background{ background-color:#326453 }
```

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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