

# Converting Colors

Hex(326450)

Have a look what the booklet for  
Hex(326450) contains.

<b>Hex(326450)</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(326450)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	326450
RGB	50, 100, 80
RGB Percent	20%, 39%, 31%
CMY	0.8039, 0.6078, 0.6863
CMYK	0.50, 0.00, 0.20, 0.61
HSL	156°, 33%, 29%
HSV	156°, 50%, 39%
XYZ	7.3205, 10.3716, 9.2055
YIQ	82.7700, -23.3800, -16.8200

# Conversions

## Conversions Part 2

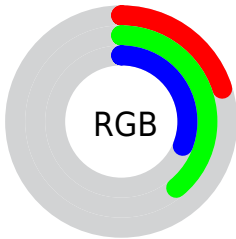
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 81, 100
Decimal	3302480
CIELab	38.50, -22.18, 6.19
CIELCh	39, 23.032, 164.414
Yxy	10.3716, 0.2722, 0.3856
Android (android.graphics.Color)	4281492560 (0xFF326450)
YUV	82.7700, -1.3656, -28.7393
Hunter-Lab	32.2050, -15.7839, 5.5960

# Details


The Hex color **326450** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **643246**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **649781**, and **003524** is the 20% darker color. If you saturate the color by 10%, you get **28644C**, and if you desaturate by 10%, it is **3C6454**.

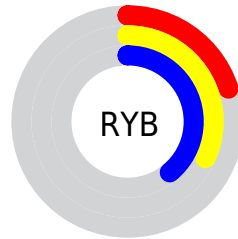
# Distribution



 Red (20%)

 Green (39%)

 Blue (31%)




 Red (20%)

 Yellow (32%)

 Blue (39%)

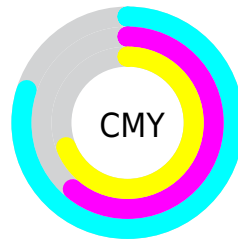


 Cyan (50%)


 Magenta (0%)

 Yellow (20%)

 Black (61%)



 Cyan (80%)

 Magenta (61%)

 Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 326450 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 326450 by changing the saturation by 10% instead.



 326450

 326450

FFFFFF

 194C39

 649781

 003524

 7EB29B

 00200E

 98CEB6

 000000

 B4EAD2

 D0FFEE

 ECFFFF

 326450

 326450

 28644C

 3C6454

■ 1E6448

■ 466458

■ 146444

■ 50645C

■ 0A6440

■ 5A6460

■ 00643C

■ 646464

■ 6E6468

■ 78646C

■ 826470

■ 8C6474

# Harmonies

## Analogous

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



49613F



326450



1A6563

# Triad

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



326450



4F597F



7C5041

# Complementary

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



326450



643246

# 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.



7F4C52



326450



685375

# Square

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



326450



305F7E



794D65



705637

# Rectangle

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



326450



11646F



794D65



7E4E46



# Sweetspot

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



326450



6F827A



466432



36423E



C2C2C2



424242



# Same Dimension

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



326450



348263



325F64



2E3331



007345



00F291



# Inverse Universe

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



643246



823453



643732



332E30



73002E

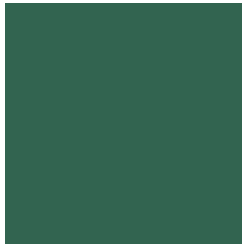


F20061



# Previews

## White Background



This preview shows how the Hex color 326450 looks on a white background.

## Color Contrast Check

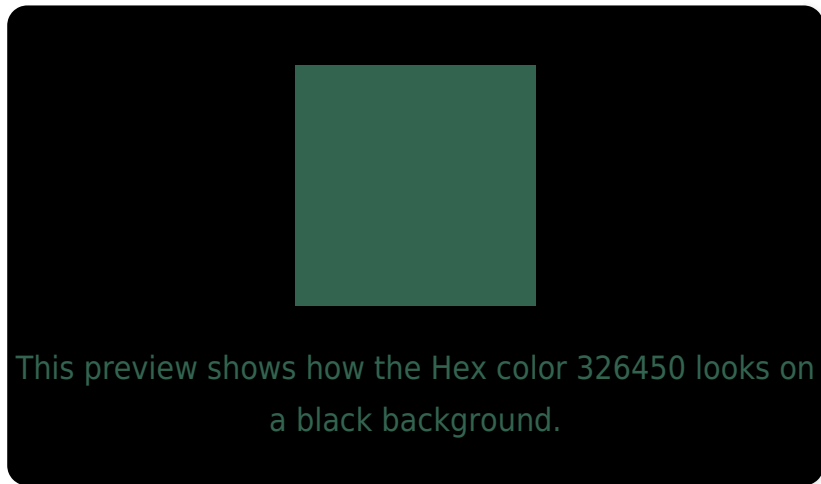
Large Text (above 18pt) WCAG AA ✓ Pass

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

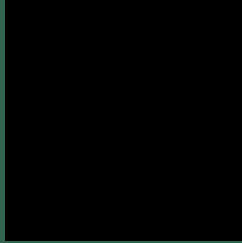
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 326450 Background



This preview shows how black text looks on a background with the Hex color 326450.



This preview shows how white text looks on a background with the Hex color 326450.

# 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**  
326450

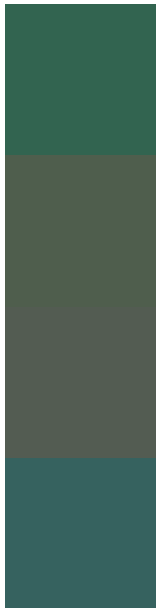
**Protanopia**  
5F5A4B

**Deuteranopia**  
665753



**Tritanopia**  
396168

# Trichromacy



**Original Color**  
326450

**Protanomaly**  
4F5E4D

**Deuteranomaly**  
535C52

**Tritanomaly**  
36625F

# Monochromacy



**Original Color**  
326450

**Achromatopsia**  
535353

**Achromatomaly**  
475952

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 326450 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 #326450 looks like.

```
.text, #text, p{  
    color:#326450  
}
```

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 #326450 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #326450
}
```

## Border

The CSS property to change the border of an element to Hex 326450 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
#326450 }
```

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

```
.border{ border-color:#326450 }
```

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

Here you see how a box with a 4 pixel #326450 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #326450; -webkit-box-shadow:4px 4px  
4px 4px #326450; box-shadow:4px 4px 4px  
4px #326450 }
```

# Background

The CSS property to change the background color of an element to Hex 326450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#326450 }
```

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

```
.background{ background-color:#326450 }
```

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