

Converting Colors

Hex(326753)

Have a look what the booklet for
Hex(326753) contains.

Hex(326753)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(326753)

Conversions

Conversions Part 1

Format	Color
Hex	326753
RGB	50, 103, 83
RGB Percent	20%, 40%, 33%
CMY	0.8039, 0.5961, 0.6745
CMYK	0.51, 0.00, 0.19, 0.60
HSL	157°, 35%, 30%
HSV	157°, 51%, 40%
XYZ	7.7270, 11.0031, 9.9002
YIQ	84.8730, -25.1680, -17.4560

Conversions

Conversions Part 2

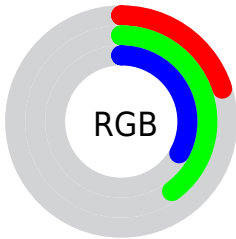
Format	Color
R_{YB}	50, 83, 103
Decimal	3303251
CIE _{Lab}	39.59, -22.99, 5.90
CIE _{LCh}	40, 23.739, 165.600
Yxy	11.0031, 0.2699, 0.3843
Android (android.graphics.Color)	4281493331 (0xFF326753)
YUV	84.8730, -0.9234, -30.5836
Hunter-Lab	33.1710, -16.4687, 5.5241




Details

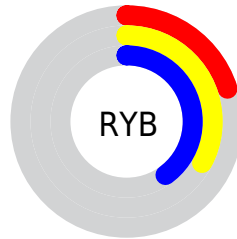
The Hex color **326753** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **673246**, and the grayscale version is **555555**.


A 20% lighter version of the original color is **649A84**, and **003726** is the 20% darker color. If you saturate the color by 10%, you get **28674F**, and if you desaturate by 10%, it is **3C6757**.

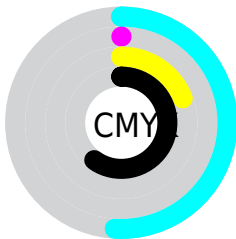
Distribution







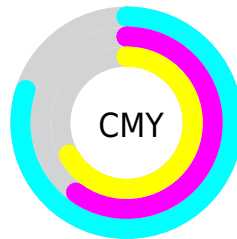
-  Red (20%)
-  Green (40%)
-  Blue (33%)






-  Red (20%)
-  Yellow (33%)
-  Blue (40%)



-  Cyan (51%)
-  Magenta (0%)
-  Yellow (19%)
-  Black (60%)



-  Cyan (80%)
-  Magenta (60%)
-  Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 326753 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 326753 by changing the saturation by 10% instead.

 326753

 326753

FFFFFF

 184F3C

 649A84

 003726

 7EB59F

 002212

 99D1B9

 000000

 B4EED5

 D0FFF2

 EDFFFF

 326753

 326753

 28674F

 3C6757

■ 1D674B

■ 47675B

■ 136747

■ 51675F

■ 096743

■ 5B6763

■ 006740

■ 666766

■ 70676A

■ 7A676E

■ 846772

■ 8F6776

Harmonies

Analogous

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



4A6442



326753



186867

Triad

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



326753



525C82



7F5242

Complementary

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



326753



673246

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.



834F54



326753



6C5578

Square

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



326753



326282



7D4F67



725938

Rectangle

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



326753



0F6773



7D4F67



815148

Sweetspot

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



326753



738780



466732



384540



C4C4C4



454545

Same Dimension

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



326753



338768



326167



2E3331



007347



00F297

Inverse Universe

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



673246



873353



673832



332E30



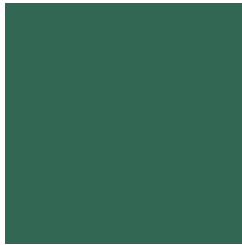
73002B



F2005B

Previews

White Background



This preview shows how the Hex color 326753 looks on a white background.

Color Contrast Check

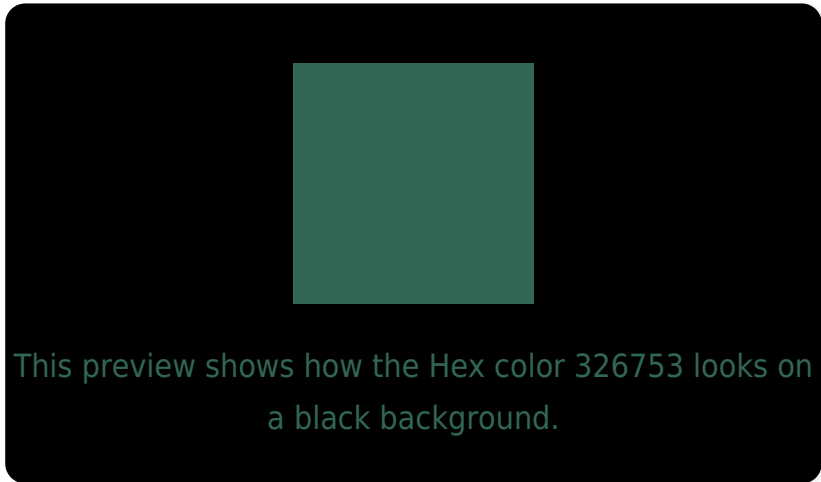
Large Text (above 18pt) WCAG AA ✓ Pass

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

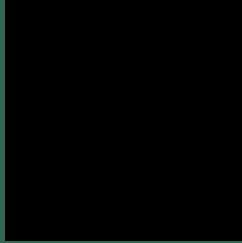
Any Text WCAG AA × Fail

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 326753 Background



This preview shows how black text looks on a background with the Hex color 326753.



This preview shows how white text looks on a background with the Hex color 326753.

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
326753

Protanopia
625D4E

Deuteranopia
685A56



Tritanopia
39646C

Trichromacy



Original Color
326753

Protanomaly
516150

Deuteranomaly
545F55

Tritanomaly
366563

Monochromacy



Original Color
326753

Achromatopsia
555555

Achromatomaly
485C54

CSS Examples

Text

The CSS property to change the color of the text to Hex 326753 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 #326753 looks like.

```
.text, #text, p{  
    color:#326753  
}
```

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 #326753 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #326753
}
```

Border

The CSS property to change the border of an element to Hex 326753 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
#326753 }
```

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

```
.border{ border-color:#326753 }
```

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

Here you see how a box with a 4 pixel #326753 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #326753; -webkit-box-shadow:4px 4px  
4px 4px #326753; box-shadow:4px 4px 4px  
4px #326753 }
```

Background

The CSS property to change the background color of an element to Hex 326753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#326753 }
```

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

```
.background{ background-color:#326753 }
```

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