

# Converting Colors

Hex(326965)

Have a look what the booklet for  
Hex(326965) contains.

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# Color

**Hex(326965)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	326965
RGB	50, 105, 101
RGB Percent	20%, 41%, 40%
CMY	0.8039, 0.5882, 0.6039
CMYK	0.52, 0.00, 0.04, 0.59
HSL	176°, 35%, 30%
HSV	176°, 52%, 41%
XYZ	8.7159, 11.7208, 14.1149
YIQ	88.0990, -31.4960, -12.9040

# Conversions

## Conversions Part 2

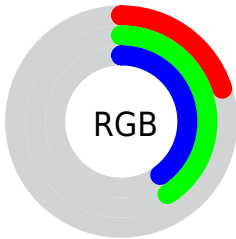
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 79, 105
Decimal	3303781
CIELab	40.77, -19.22, -3.34
CIELCh	41, 19.509, 189.867
Yxy	11.7208, 0.2523, 0.3392
Android (android.graphics.Color)	4281493861 (0xFF326965)
YUV	88.0990, 6.3602, -33.4128
Hunter-Lab	34.2357, -14.4689, -0.4794

# Details

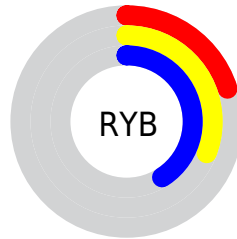
The Hex color **326965** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **693236**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **659C98**, and **003936** is the 20% darker color. If you saturate the color by 10%, you get **276964**, and if you desaturate by 10%, it is **3C6966**.

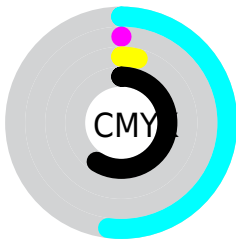
# Distribution



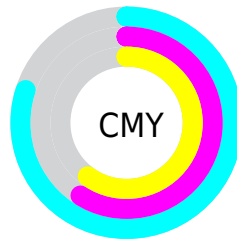
- Red (20%)
- Green (41%)
- Blue (40%)



- Red (20%)
- Yellow (31%)
- Blue (41%)



- Cyan (52%)
- Magenta (0%)
- Yellow (4%)
- Black (59%)



- Cyan (80%)
- Magenta (59%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 326965 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 326965 by changing the saturation by 10% instead.



 326965

 326965

FFFFFF

 17514D

 659C98

 003936

 80B7B3

 002421

 9AD3CE

 00060B

 B6F0EA

 000000

 D2FFFF

 EFFFFFF

 326965

 326965

 276964

 3C6966

■ 1D6963

■ 476967

■ 136963

■ 516967

■ 086962

■ 5C6968

■ 006961

■ 666969

■ 71696A

■ 7B696A

■ 86696B

■ 91696C

# Harmonies

## Analogous

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



426855



326965



2E6874

# Triad

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



326965



695A79



755B42

# Complementary

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



326965



693236

# 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.



7E574C



326965



79566B

# Square

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



326965



53607F



80545B



666140

# Rectangle

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



326965



36667B



80545B



795A45



# Sweetspot

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



326965



748A88



376932



384544



C4C4C4



454545



# Same Dimension

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



326965



338A83



325269



303635



00756D



00F5E3



# Inverse Universe

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



693236



8A3339



694932



363031



750009



F50012



# Previews

## White Background



This preview shows how the Hex color 326965 looks on a white background.

## Color Contrast Check

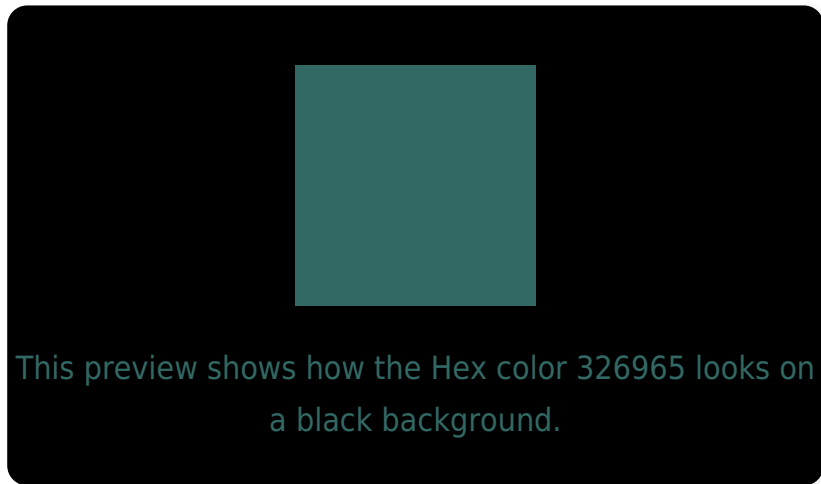
Large Text (above 18pt) WCAG AA ✓ Pass

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

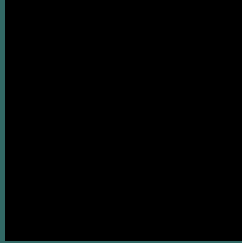
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 326965 Background



This preview shows how black text looks on a background with the Hex color 326965.

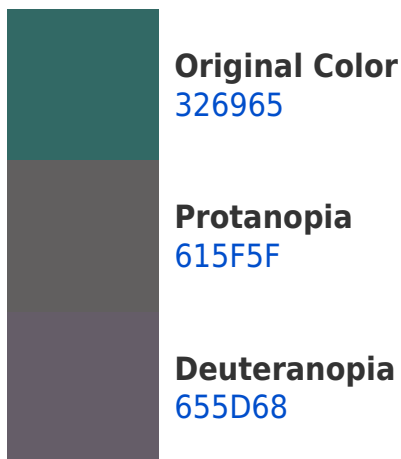


This preview shows how white text looks on a background with the Hex color 326965.

# 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](#).

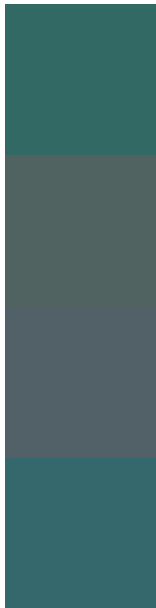
## Dichromacy





**Tritanopia**  
366770

# Trichromacy



**Original Color**  
326965

**Protanomaly**  
506361

**Deuteranomaly**  
526167

**Tritanomaly**  
35686C

# Monochromacy



**Original Color**  
326965

**Achromatopsia**  
585858

**Achromatomaly**  
4A5E5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 326965 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 #326965 looks like.

```
.text, #text, p{  
    color:#326965  
}
```

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 #326965 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #326965
}
```

## Border

The CSS property to change the border of an element to Hex 326965 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
#326965 }
```

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

```
.border{ border-color:#326965 }
```

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

Here you see how a box with a 4 pixel #326965 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #326965; -webkit-box-shadow:4px 4px  
4px 4px #326965; box-shadow:4px 4px 4px  
4px #326965 }
```

# Background

The CSS property to change the background color of an element to Hex 326965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#326965 }
```

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

```
.background{ background-color:#326965 }
```

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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