

# Converting Colors

Hex(356960)

Have a look what the booklet for  
Hex(356960) contains.

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# Color

**Hex(356960)**

# Conversions

## Conversions Part 1

Format	Color
Hex	356960
RGB	53, 105, 96
RGB Percent	21%, 41%, 38%
CMY	0.7922, 0.5882, 0.6235
CMYK	0.50, 0.00, 0.09, 0.59
HSL	170°, 33%, 31%
HSV	170°, 50%, 41%
XYZ	8.6311, 11.7046, 12.8706
YIQ	88.4260, -28.1030, -13.8230

# Conversions

## Conversions Part 2

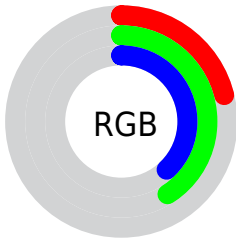
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 81, 105
Decimal	3500384
CIELab	40.74, -19.84, -0.32
CIELCh	41, 19.844, 180.930
Yxy	11.7046, 0.2599, 0.3525
Android (android.graphics.Color)	4281690464 (0xFF356960)
YUV	88.4260, 3.7340, -31.0686
Hunter-Lab	34.2119, -14.8383, 1.6433

# Details

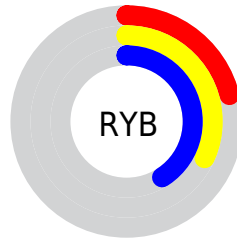
The Hex color **356960** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **69353E**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **689D92**, and **003932** is the 20% darker color. If you saturate the color by 10%, you get **2B695E**, and if you desaturate by 10%, it is **406962**.

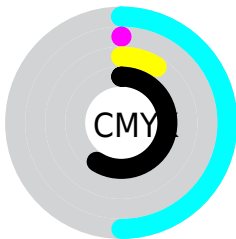
# Distribution



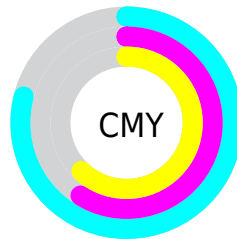
- Red (21%)
- Green (41%)
- Blue (38%)



- Red (21%)
- Yellow (32%)
- Blue (41%)



- Cyan (50%)
- Magenta (0%)
- Yellow (9%)
- Black (59%)



- Cyan (79%)
- Magenta (59%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 356960 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 356960 by changing the saturation by 10% instead.



 356960

 356960

FFFFFF

 1B5148

 689D92

 003932

 82B7AD

 00241D

 9DD3C8

 000503

 B8F0E4

 000000

 D4FFFF

 F1FFFF

 356960

 356960

 2B695E

 406962

■ 20695C

■ 4A6964

■ 16695B

■ 556965

■ 0B6959

■ 5F6967

■ 016957

■ 6A6969

■ 006957

■ 74696B

■ 7F696D

■ 89696F

■ 946970

# Harmonies

## Analogous

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



476750



356960



2C6970

# Triad

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



356960



635C7C



795A44

# Complementary

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



356960



69353E

# 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.



805550



356960



755770

# Square

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



356960



4C6180



7F5460



6B5F40

# Rectangle

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



356960



306779



7F5460



7C5847



# Sweetspot

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



356960



758A86



3F6935



384543



C4C4C4



454545



# Same Dimension

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



356960



388A7C



355969



303635



007561



00F5CA



# Inverse Universe

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



69353E



8A3847



694535



363031



750014



F5002A



# Previews

## White Background



This preview shows how the Hex color 356960 looks on a white background.

## Color Contrast Check

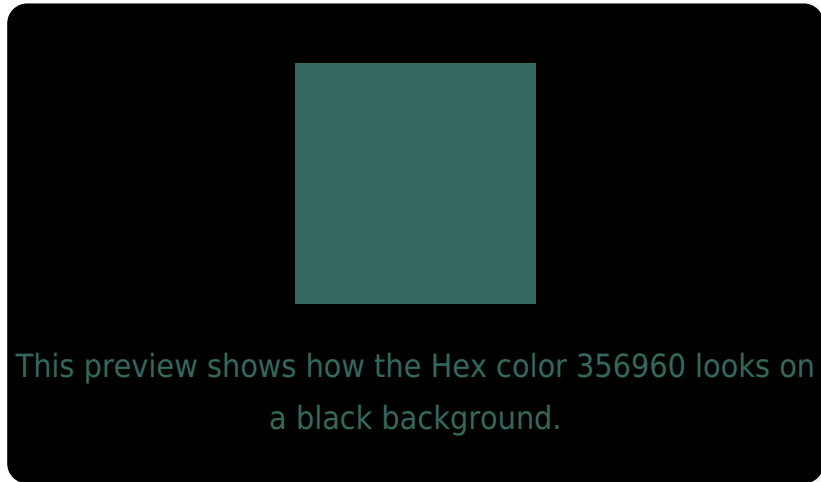
Large Text (above 18pt) WCAG AA ✓ Pass

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

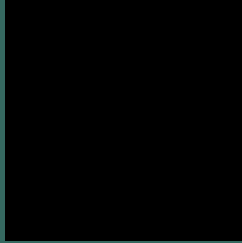
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 356960 Background



This preview shows how black text looks on a background with the Hex color 356960.



This preview shows how white text looks on a background with the Hex color 356960.

# 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**  
356960

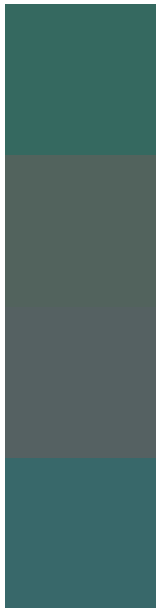
**Protanopia**  
635F5B

**Deuteranopia**  
675D63



**Tritanopia**  
3A676F

# Trichromacy



**Original Color**  
356960

**Protanomaly**  
52635D

**Deuteranomaly**  
556162

**Tritanomaly**  
38686A

# Monochromacy



**Original Color**  
356960

**Achromatopsia**  
585858

**Achromatomaly**  
4B5E5B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 356960 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 #356960 looks like.

```
.text, #text, p{  
    color:#356960  
}
```

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 #356960 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #356960
}
```

## Border

The CSS property to change the border of an element to Hex 356960 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
#356960 }
```

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

```
.border{ border-color:#356960 }
```

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

Here you see how a box with a 4 pixel #356960 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #356960; -webkit-box-shadow:4px 4px  
4px 4px #356960; box-shadow:4px 4px 4px  
4px #356960 }
```

# Background

The CSS property to change the background color of an element to Hex 356960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#356960 }
```

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

```
.background{ background-color:#356960 }
```

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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