

# Converting Colors

Hex(365A51)

Have a look what the booklet for  
Hex(365A51) contains.

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# Color

**Hex(365A51)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	365A51
RGB	54, 90, 81
RGB Percent	21%, 35%, 32%
CMY	0.7882, 0.6471, 0.6824
CMYK	0.40, 0.00, 0.10, 0.65
HSL	165°, 25%, 28%
HSV	165°, 40%, 35%
XYZ	6.6627, 8.6907, 9.1109
YIQ	78.2100, -18.5670, -10.4310

# Conversions

## Conversions Part 2

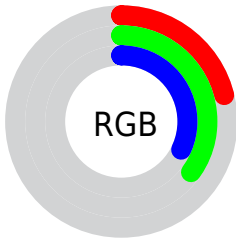
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 75, 90
Decimal	3562065
CIELab	35.38, -15.31, 1.11
CIELCh	35, 15.352, 175.847
Yxy	8.6907, 0.2723, 0.3552
Android (android.graphics.Color)	4281752145 (0xFF365A51)
YUV	78.2100, 1.3755, -21.2322
Hunter-Lab	29.4800, -11.2476, 2.3122

# Details

The Hex color **365A51** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5A363F**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **678C82**, and **072C25** is the 20% darker color. If you saturate the color by 10%, you get **2D5A4F**, and if you desaturate by 10%, it is **3F5A53**.

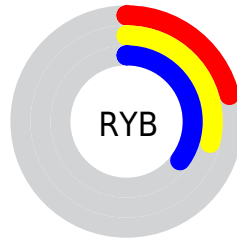
# Distribution



Red (21%)

Green (35%)

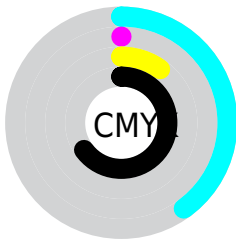
Blue (32%)



Red (21%)

Yellow (29%)

Blue (35%)

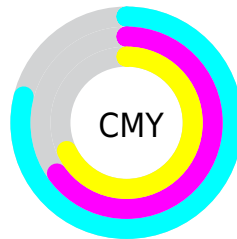


Cyan (40%)

Magenta (0%)

Yellow (10%)

Black (65%)



Cyan (79%)

Magenta (65%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 365A51 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 365A51 by changing the saturation by 10% instead.



■ 365A51

■ 365A51

FFFFFF

■ 1F423A

■ 678C82

■ 072C25

■ 80A79C

■ 00190F

■ 9BC2B7

■ 000000

■ B6DED3

■ D1FAEF

■ EEEFFF

■ 365A51

■ 365A51

■ 2D5A4F

■ 3F5A53

■ 245A4D

■ 485A56

■ 1B5A4A

■ 515A58

■ 125A48

■ 5A5A5A

■ 095A46

■ 635A5C

■ 005A44

■ 6C5A5F

■ 755A61

■ 7E5A63

■ 875A65

# Harmonies

## Analogous

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



435945



365A51



2F5A5D

# Triad

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



365A51



535169



674E3F

# Complementary

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



365A51



5A363F

# 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.



6C4B49



365A51



614D61

# Square

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



365A51



42556B



6A4A55



5E523B

# Rectangle

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



365A51



305964



6A4A55



6A4D42



# Sweetspot

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



365A51



677572



3F5A36



323B39



BABABA



3B3B3B



# Same Dimension

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



365A51



3D7567



36515A



292E2D



006E52



00EDB2



# Inverse Universe

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



5A363F



753D4B



5A3F36



2E292A



6E001B



ED003B



# Previews

## White Background



This preview shows how the Hex color 365A51 looks on a white background.

## Color Contrast Check

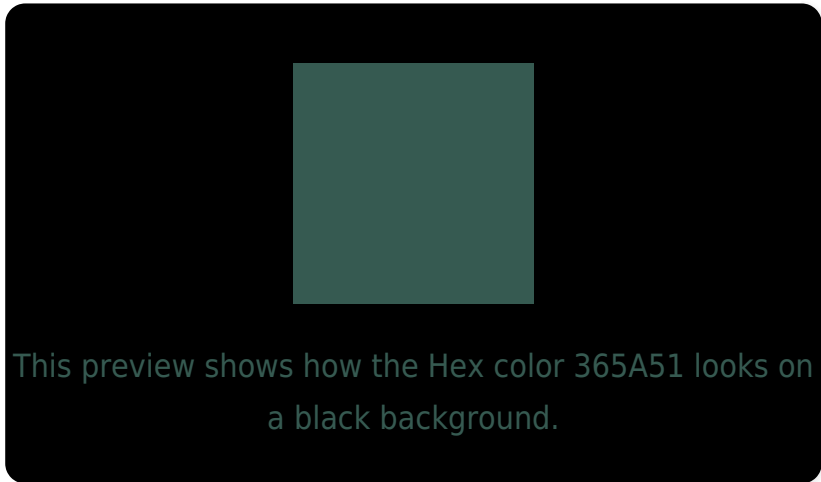
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

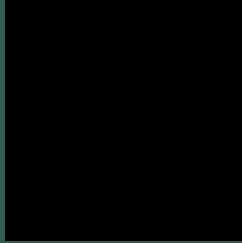
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 365A51 Background



This preview shows how black text looks on a background with the Hex color 365A51.



This preview shows how white text looks on a background with the Hex color 365A51.

# 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**  
365A51

**Protanopia**  
56534D

**Deuteranopia**  
5B5053



**Tritanopia**  
3A585F

# Trichromacy



**Original Color**  
365A51

**Protanomaly**  
4A564E

**Deuteranomaly**  
4E5452

**Tritanomaly**  
39595A

# Monochromacy



**Original Color**  
365A51

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
45524F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 365A51 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 #365A51 looks like.

```
.text, #text, p{  
    color:#365A51  
}
```

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 #365A51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #365A51
}
```

## Border

The CSS property to change the border of an element to Hex 365A51 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
#365A51 }
```

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

```
.border{ border-color:#365A51 }
```

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

Here you see how a box with a 4 pixel #365A51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #365A51; -webkit-box-shadow:4px 4px  
4px 4px #365A51; box-shadow:4px 4px 4px  
4px #365A51 }
```

# Background

The CSS property to change the background color of an element to Hex 365A51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#365A51 }
```

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

```
.background{ background-color:#365A51 }
```

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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