

# Converting Colors

Hex(365E4A)

Have a look what the booklet for  
Hex(365E4A) contains.

<b>Hex(365E4A)</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(365E4A)

# Conversions

## Conversions Part 1

Format	Color
Hex	365E4A
RGB	54, 94, 74
RGB Percent	21%, 37%, 29%
CMY	0.7882, 0.6314, 0.7098
CMYK	0.43, 0.00, 0.21, 0.63
HSL	150°, 27%, 29%
HSV	150°, 43%, 37%
XYZ	6.7601, 9.2841, 7.9143
YIQ	79.7600, -17.4200, -14.7000

# Conversions

## Conversions Part 2

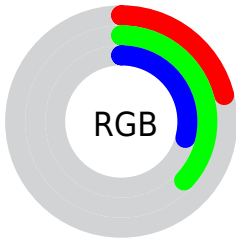
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	54, 81, 94
Decimal	3563082
CIE <sub>Lab</sub>	36.53, -19.24, 7.09
CIE <sub>LCh</sub>	37, 20.509, 159.762
Yxy	9.2841, 0.2822, 0.3875
Android (android.graphics.Color)	4281753162 (0xFF365E4A)
YUV	79.7600, -2.8397, -22.5915
Hunter-Lab	30.4698, -13.7200, 5.9288

# Details

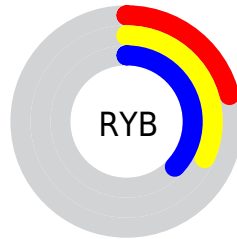
The Hex color **365E4A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5E364A**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **67917B**, and **062F1E** is the 20% darker color. If you saturate the color by 10%, you get **2D5E45**, and if you desaturate by 10%, it is **3F5E4F**.

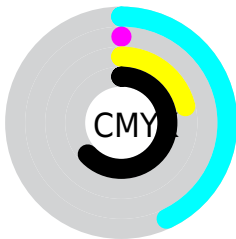
# Distribution



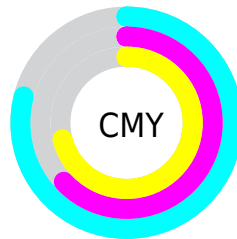
- Red (21%)
- Green (37%)
- Blue (29%)



- Red (21%)
- Yellow (32%)
- Blue (37%)



- Cyan (43%)
- Magenta (0%)
- Yellow (21%)
- Black (63%)



- Cyan (79%)
- Magenta (63%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 365E4A 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 365E4A by changing the saturation by 10% instead.





365E4A



365E4A

FFFFFF



1F4633



67917B



062F1E



80AB94



001C06



9BC7AF



000000



B6E3CA



D2FFE7



EEFFFF



365E4A



365E4A



2D5E45



3F5E4F

■ 235E41

■ 495E53

■ 1A5E3C

■ 525E58

■ 105E37

■ 5C5E5D

■ 075E33

■ 655E62

■ 005E2F

■ 6E5E66

■ 785E6B

■ 815E70

■ 8B5E74

# Harmonies

## Analogous

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



4A5B3C



365E4A



235F5B

# Triad

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



365E4A



485676



744C42

# Complementary

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



365E4A



5E364A

# 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.



764951



365E4A



5F506F

# Square

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



365E4A



2E5B74



6F4B62



6B5137

# Rectangle

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



365E4A



1C5E66



6F4B62



764B46



# Sweetspot

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



365E4A



6A7A72



4A5E36



333D38



BDBDBD



3D3D3D



# Same Dimension

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



365E4A



3C7A5B



365E5E



292E2C



006E37



00ED77



# Inverse Universe

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



5E364A



7A3C5B



5E3636



2E292C



6E0037

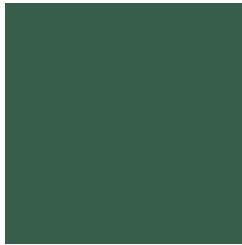


ED0077



# Previews

## White Background



This preview shows how the Hex color 365E4A looks on a white background.

## Color Contrast Check

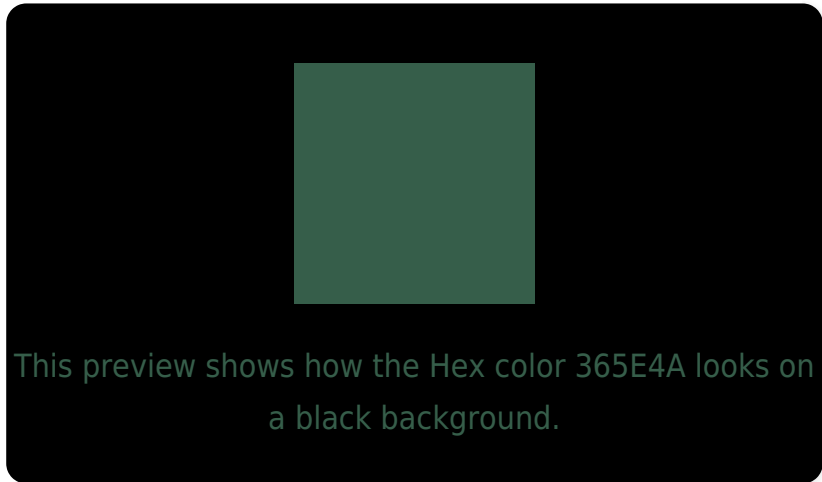
Large Text (above 18pt) WCAG AA ✓ Pass

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

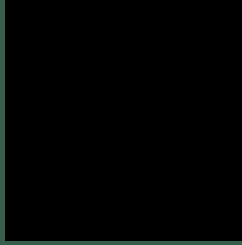
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 365E4A Background



This preview shows how black text looks on a background with the Hex color 365E4A.



This preview shows how white text looks on a background with the Hex color 365E4A.

# 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**  
365E4A

**Protanopia**  
5B5546

**Deuteranopia**  
61524C



**Tritanopia**  
3C5B62

# Trichromacy



**Original Color**  
365E4A

**Protanomaly**  
4E5847

**Deuteranomaly**  
51564B

**Tritanomaly**  
3A5C59

# Monochromacy



**Original Color**  
365E4A

**Achromatopsia**  
505050

**Achromatomaly**  
47554E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 365E4A 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 #365E4A looks like.

```
.text, #text, p{  
    color:#365E4A  
}
```

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 #365E4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #365E4A
}
```

## Border

The CSS property to change the border of an element to Hex 365E4A 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
#365E4A }
```

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

```
.border{ border-color:#365E4A }
```

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

Here you see how a box with a 4 pixel #365E4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #365E4A; -webkit-box-shadow:4px 4px  
4px 4px #365E4A; box-shadow:4px 4px 4px  
4px #365E4A }
```

# Background

The CSS property to change the background color of an element to Hex 365E4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#365E4A }
```

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

```
.background{ background-color:#365E4A }
```

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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