

# Converting Colors

Hex(3C6145)

Have a look what the booklet for  
Hex(3C6145) contains.

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# Color

Hex(3C6145)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3C6145
RGB	60, 97, 69
RGB Percent	24%, 38%, 27%
CMY	0.7647, 0.6196, 0.7294
CMYK	0.38, 0.00, 0.29, 0.62
HSL	135°, 24%, 31%
HSV	135°, 38%, 38%
XYZ	7.2124, 9.9397, 7.1687
YIQ	82.7450, -13.0640, -16.5520

# Conversions

## Conversions Part 2

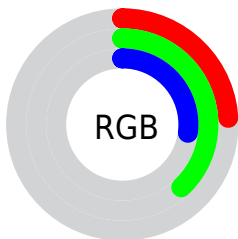
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 90, 97
Decimal	3957061
CIELab	37.73, -19.93, 11.89
CIELCh	38, 23.206, 149.189
Yxy	9.9397, 0.2966, 0.4087
Android (android.graphics.Color)	4282147141 (0xFF3C6145)
YUV	82.7450, -6.7763, -19.9474
Hunter-Lab	31.5273, -14.3382, 8.5878

# Details

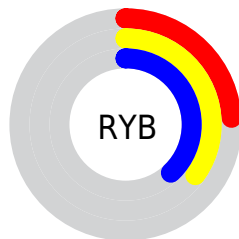
The Hex color **3C6145** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **613C58**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **6D9475**, and **0D321A** is the 20% darker color. If you saturate the color by 10%, you get **32613E**, and if you desaturate by 10%, it is **46614C**.

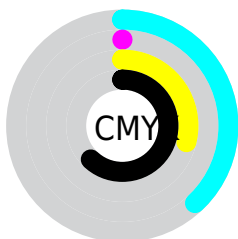
# Distribution



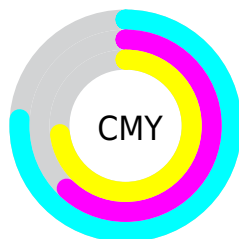
- Red (24%)
- Green (38%)
- Blue (27%)



- Red (24%)
- Yellow (35%)
- Blue (38%)



- Cyan (38%)
- Magenta (0%)
- Yellow (29%)
- Black (62%)



- Cyan (76%)
- Magenta (62%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C6145 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 3C6145 by changing the saturation by 10% instead.





3C6145



3C6145

FFFFFF



25492F



6D9475



0D321A



87AF8F



001E00



A1CAA9



000000



BDE6C5



D8FFE1



F5FFFD



3C6145



3C6145



32613E



46614C

■ 296136

■ 4F6154

■ 1F612F

■ 59615B

■ 156128

■ 636162

■ 0C6120

■ 6D616A

■ 026119

■ 766171

■ 006118

■ 806178

■ 8A6180

■ 936187

# Harmonies

## Analogous

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



525D37



3C6145



236358

# Triad

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



3C6145



3D5B7E



7D4C47

# Complementary

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



3C6145



613C58

# 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.



7C4A5A



3C6145



5A5479

# Square

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



3C6145



1C6078



704E6C



755139

# Rectangle

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



3C6145



126364



704E6C



7E4B4D



# Sweetspot

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



3C6145



6F7D73



58613C



374039



BFBFBF



404040



# Same Dimension

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



3C6145



437D51



3C6157



2C302D



00701B



00F03A



# Inverse Universe

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



613C58



7D436F



613C46



302C2F



700055

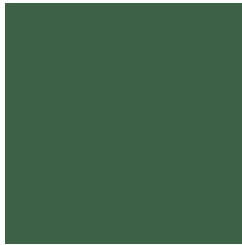


F000B5



# Previews

## White Background



This preview shows how the Hex color 3C6145 looks on a white background.

## Color Contrast Check

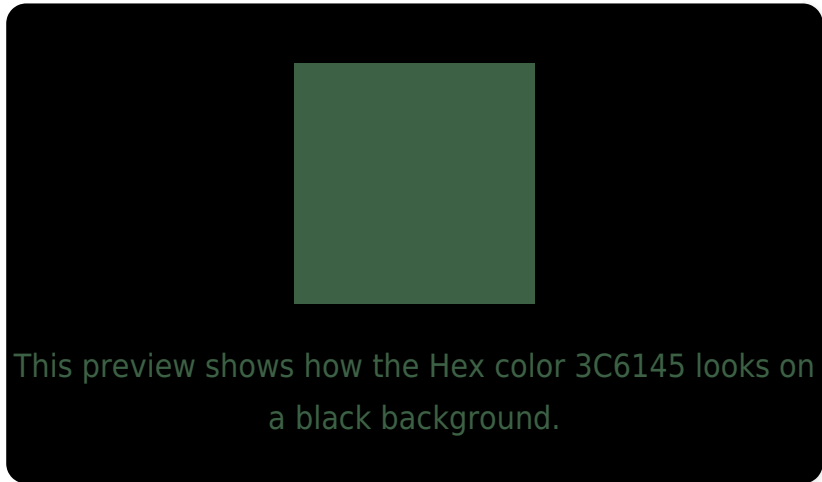
Large Text (above 18pt) WCAG AA ✓ Pass

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

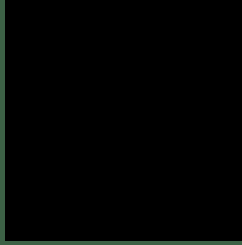
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3C6145 Background



This preview shows how black text looks on a background with the Hex color 3C6145.



This preview shows how white text looks on a background with the Hex color 3C6145.

# 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**  
3C6145

**Protanopia**  
5F5841

**Deuteranopia**  
675548



**Tritanopia**  
435D64

# Trichromacy



**Original Color**  
3C6145

**Protanomaly**  
525B42

**Deuteranomaly**  
575947

**Tritanomaly**  
405E59

# Monochromacy



**Original Color**  
3C6145

**Achromatopsia**  
535353

**Achromatomaly**  
4B584E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C6145 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 #3C6145 looks like.

```
.text, #text, p{  
    color:#3C6145  
}
```

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 #3C6145 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C6145
}
```

## Border

The CSS property to change the border of an element to Hex 3C6145 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
#3C6145 }
```

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

```
.border{ border-color:#3C6145 }
```

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

Here you see how a box with a 4 pixel #3C6145 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C6145; -webkit-box-shadow:4px 4px  
4px 4px #3C6145; box-shadow:4px 4px 4px  
4px #3C6145 }
```

# Background

The CSS property to change the background color of an element to Hex 3C6145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C6145 }
```

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

```
.background{ background-color:#3C6145 }
```

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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