

# Converting Colors

Hex(3A9165)

Have a look what the booklet for  
Hex(3A9165) contains.

<b>Hex(3A9165)</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(3A9165)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3A9165
RGB	58, 145, 101
RGB Percent	23%, 57%, 40%
CMY	0.7725, 0.4314, 0.6039
CMYK	0.60, 0.00, 0.30, 0.43
HSL	150°, 43%, 40%
HSV	150°, 60%, 57%
XYZ	14.2193, 22.0899, 15.8263
YIQ	113.9710, -37.7280, -32.1280

# Conversions

## Conversions Part 2

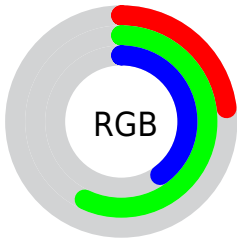
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 116, 145
Decimal	3838309
CIELab	54.12, -36.82, 15.74
CIELCh	54, 40.046, 156.850
Yxy	22.0899, 0.2727, 0.4237
Android (android.graphics.Color)	4282028389 (0xFF3A9165)
YUV	113.9710, -6.3947, -49.0866
Hunter-Lab	46.9999, -28.2467, 12.9352

# Details


The Hex color **3A9165** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **913A66**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **71C898**, and **005E36** is the 20% darker color. If you saturate the color by 10%, you get **2C915E**, and if you desaturate by 10%, it is **48916C**.

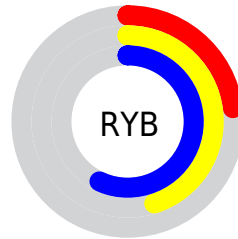
# Distribution



 Red (23%)

 Green (57%)

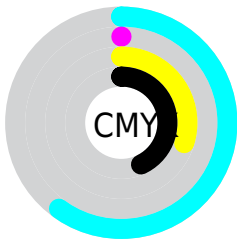
 Blue (40%)




 Red (23%)

 Yellow (45%)

 Blue (57%)

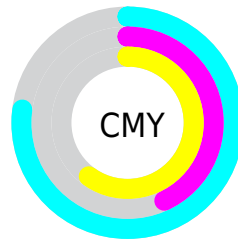


 Cyan (60%)


 Magenta (0%)

 Yellow (30%)

 Black (43%)



 Cyan (77%)

 Magenta (43%)

 Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3A9165 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 3A9165 by changing the saturation by 10% instead.



 3A9165

 3A9165

FFFFFF

 1B774D

 71C898

 005E36

 8DE4B3

 004520

 A9FFCE

 002E0A

 C5FFEB

 001700

 E2FFFF

 000000

 3A9165

 3A9165

 2C915E

 48916C

 1D9156

 579174

 0E914F

 66917B

 009148

 749182

 83918A

 919191

 9F9198

 AE91A0

 BC91A7

# Harmonies

## Analogous

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



6A8B48



3A9165



009388

# Triad

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



3A9165



5682C6



BF6A5A

# Complementary

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



3A9165



913A66

# 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.



C2647B



3A9165



8F75B9

# Square

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



3A9165



008CC0



B2699D



AC7642

# Rectangle

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



3A9165



0093A0



B2699D



C26764



# Sweetspot

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



3A9165



9BBDAC



67913A



4A5E54



DEDEDE



5E5E5E



# Same Dimension

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



3A9165



35BD78



3A9190



404744



008743



000804



# Inverse Universe

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



913A66



BD357A



913A3B



474044



870044



080004



# Previews

## White Background



This preview shows how the Hex color 3A9165 looks on a white background.

## Color Contrast Check

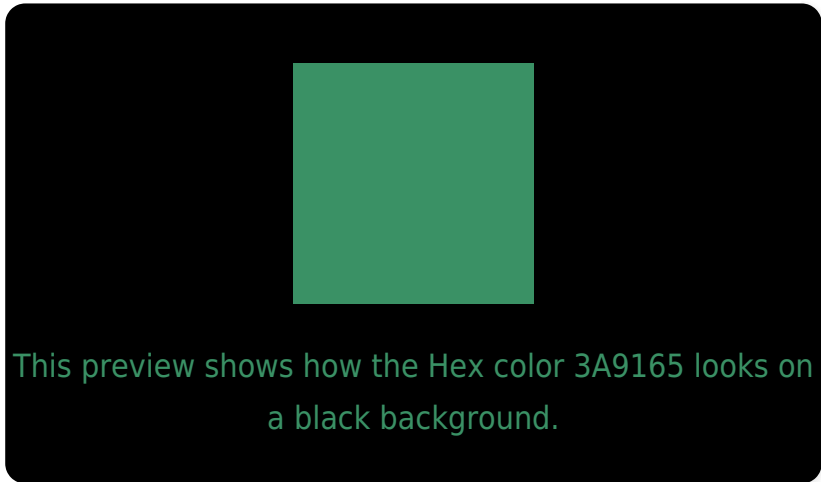
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

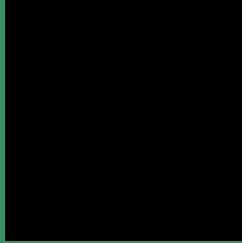
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3A9165 Background



This preview shows how black text looks on a background with the Hex color 3A9165.



This preview shows how white text looks on a background with the Hex color 3A9165.

# 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**  
3A9165

**Protanopia**  
8A805E

**Deuteranopia**  
957C6A



**Tritanopia**  
4A8B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3A9165 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 #3A9165 looks like.

```
.text, #text, p{  
    color:#3A9165  
}
```

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 #3A9165 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A9165  
}
```

## Border

The CSS property to change the border of an element to Hex 3A9165 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  
#3A9165 }
```

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

```
.border{ border-color:#3A9165 }
```

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

Here you see how a box with a 4 pixel #3A9165 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A9165; -webkit-box-shadow:4px 4px  
4px 4px #3A9165; box-shadow:4px 4px 4px  
4px #3A9165 }
```

# Background

The CSS property to change the background color of an element to Hex 3A9165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A9165 }
```

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

```
.background{ background-color:#3A9165 }
```

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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