

Converting Colors

Hex(3C965A)

Have a look what the booklet for
Hex(3C965A) contains.

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Color

Hex(3C965A)

Conversions

Conversions Part 1	
Format	Color
Hex	3C965A
RGB	60, 150, 90
RGB Percent	24%, 59%, 35%
CMY	0.7647, 0.4118, 0.6471
CMYK	0.60, 0.00, 0.40, 0.41
HSL	140°, 43%, 41%
HSV	140°, 60%, 59%
XYZ	14.6153, 23.5115, 13.4407
YIQ	116.2500, -34.3800, -37.7400

Conversions

Conversions Part 2

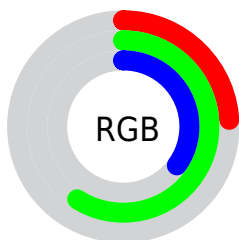
Format	Color
RYB	60, 128, 150
Decimal	3970650
CIELab	55.60, -40.73, 23.86
CIELCh	56, 47.202, 149.640
Yxy	23.5115, 0.2834, 0.4559
Android (android.graphics.Color)	4282160730 (0xFF3C965A)
YUV	116.2500, -12.9413, -49.3312
Hunter-Lab	48.4887, -31.0524, 17.5073

Details

The Hex color **3C965A** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **963C78**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **74CD8D**, and **00622B** is the 20% darker color. If you saturate the color by 10%, you get **2D9650**, and if you desaturate by 10%, it is **4B9664**.

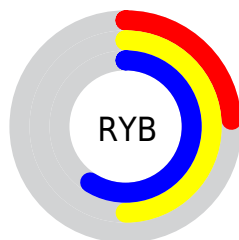
Distribution



Red (24%)

Green (59%)

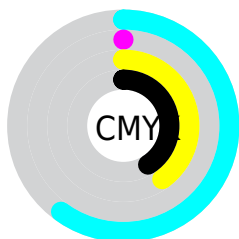
Blue (35%)



Red (24%)

Yellow (50%)

Blue (59%)

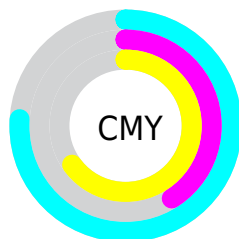


Cyan (60%)

Magenta (0%)

Yellow (40%)

Black (41%)



Cyan (76%)

Magenta (41%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C965A 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 3C965A by changing the saturation by 10% instead.



3C965A



3C965A

FFFFFF



1C7C42



74CD8D



00622B



8FE9A7



004915



ABFFC3



003200



C8FFDF



001C00



E5FFFB



000000



3C965A



3C965A



2D9650



4B9664



1E9646



5A966E

 0F963C

 699678

 009632

 789682

 87968C

 969696

 A596A0

 B496AA

 C396B4

Harmonies

Analogous

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



738F3A



3C965A



009983

Triad

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



3C965A



2A8AD7



CF665F

Complementary

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



3C965A



963C78

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.



CE6187



3C965A



867BCD

Square

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



3C965A



0094CB



B76AAF



BC743F

Rectangle

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



3C965A



00999F



B76AAF



D1636C

Sweetspot

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



3C965A



9FC2AB



78963C



4C6153



E0E0E0



616161

Same Dimension

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



3C965A



36C265



3C9687



434A45



008A2E



000A03

Inverse Universe

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



963C78



C23693



963C4B



4A4347



8A005C



0A0007

Previews

White Background



This preview shows how the Hex color 3C965A 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



This preview shows how the Hex color 3C965A looks on a 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 3C965A Background



This preview shows how black text looks on a background with the Hex color 3C965A.



This preview shows how white text looks on a background with the Hex color 3C965A.

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

3C965A

Protanopia

908453

Deuteranopia

9D7F5F



Tritanopia
4F8E9A

Trichromacy



Original Color

3C965A



Protanomaly

718B56



Deuteranomaly

7A875D



Tritanomaly

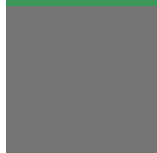
489183

Monochromacy



Original Color

3C965A



Achromatopsia

747474



Achromatomaly

60806B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C965A 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 #3C965A looks like.

```
.text, #text, p{  
    color:#3C965A  
}
```

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 #3C965A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C965A
}
```

Border

The CSS property to change the border of an element to Hex 3C965A 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
#3C965A }
```

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

```
.border{ border-color:#3C965A }
```

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

Here you see how a box with a 4 pixel #3C965A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C965A; -webkit-box-shadow:4px 4px  
4px 4px #3C965A; box-shadow:4px 4px 4px  
4px #3C965A }
```

Background

The CSS property to change the background color of an element to Hex 3C965A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C965A }
```

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

```
.background{ background-color:#3C965A }
```

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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