

# Converting Colors

Hex(40915C)

Have a look what the booklet for  
Hex(40915C) contains.

<b>Hex(40915C)</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(40915C)

# Conversions

## Conversions Part 1

Format	Color
Hex	40915C
RGB	64, 145, 92
RGB Percent	25%, 57%, 36%
CMY	0.7490, 0.4314, 0.6392
CMYK	0.56, 0.00, 0.37, 0.43
HSL	141°, 39%, 41%
HSV	141°, 56%, 57%
XYZ	14.1715, 22.1135, 13.6466
YIQ	114.7390, -31.2630, -33.6550

# Conversions

## Conversions Part 2

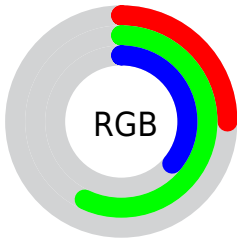
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 124, 145
Decimal	4231516
CIELab	54.15, -37.23, 20.85
CIELCh	54, 42.670, 150.742
Yxy	22.1135, 0.2838, 0.4429
Android (android.graphics.Color)	4282421596 (0xFF40915C)
YUV	114.7390, -11.2103, -44.4981
Hunter-Lab	47.0250, -28.5007, 15.7116

# Details

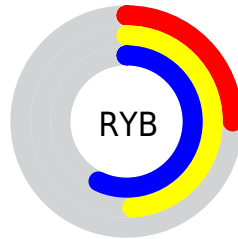
The Hex color **40915C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **914075**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **76C88F**, and **005E2D** is the 20% darker color. If you saturate the color by 10%, you get **329153**, and if you desaturate by 10%, it is **4F9165**.

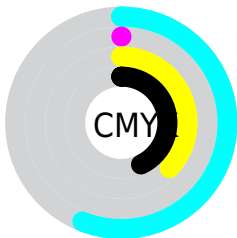
# Distribution



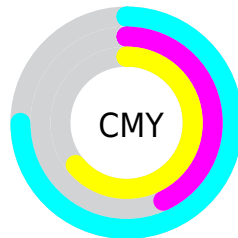
- Red (25%)
- Green (57%)
- Blue (36%)



- Red (25%)
- Yellow (49%)
- Blue (57%)



- Cyan (56%)
- Magenta (0%)
- Yellow (37%)
- Black (43%)



- Cyan (75%)
- Magenta (43%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 40915C 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 40915C by changing the saturation by 10% instead.





40915C



40915C

FFFFFF



237744



76C88F



005E2D



92E4A9



004518



ADFFC5



002E00



CAFFE1



001700



E7FFFD



000000



40915C



40915C



329153



4F9165



239149



5D916F

■ 159140

■ 6C9178

■ 069136

■ 7A9182

■ 009132

■ 89918B

■ 979195

■ A5919E

■ B491A8

■ C391B1

# Harmonies

## Analogous

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



708A3F



40915C



009481

# Triad

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



40915C



3E85CB



C4665E

# Complementary

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



40915C



914075

# 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.



C46282



40915C



8577C1

# Square

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



40915C



008FC1



B069A6



B37241

# Rectangle

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



40915C



00949A



B069A6



C66469



# Sweetspot

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



40915C



9DBDA8



769140



4B5E52



DEDEDE



5E5E5E



# Same Dimension

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



40915C



3EBD6A



409183



404743



00872F



000803



# Inverse Universe

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



914075



BD3E91



91404E



474045



870058



080005



# Previews

## White Background



This preview shows how the Hex color 40915C looks on a white background.

## Color Contrast Check

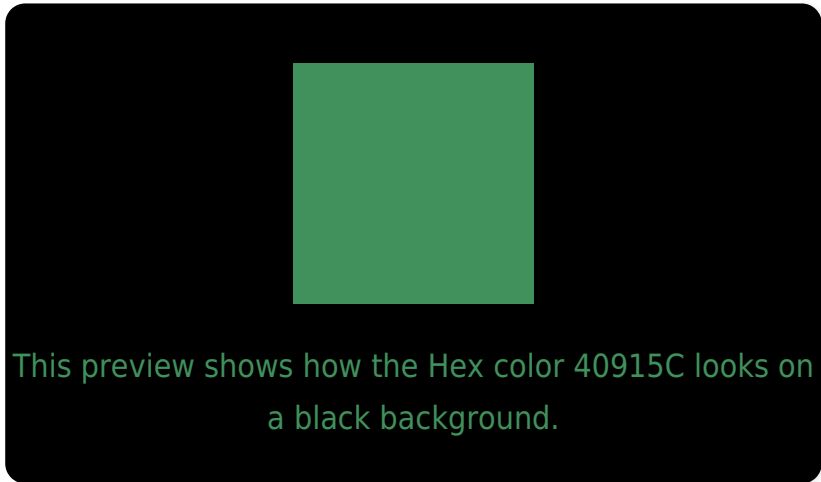
Large Text (above 18pt) WCAG AA ✓ Pass

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

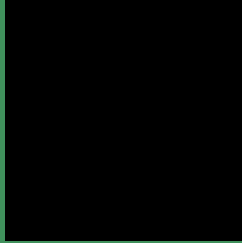
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 40915C Background



This preview shows how black text looks on a background with the Hex color 40915C.




This preview shows how white text looks on a background with the Hex color 40915C.

# 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](#).

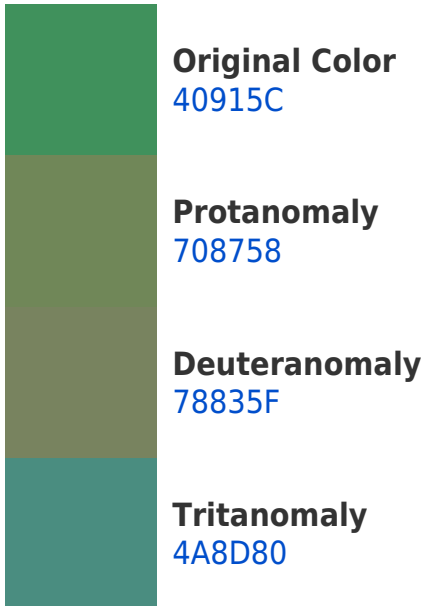
## Dichromacy





**Tritanopia**  
508A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 40915C 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 #40915C looks like.

```
.text, #text, p{  
    color:#40915C  
}
```

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 #40915C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40915C
}
```

## Border

The CSS property to change the border of an element to Hex 40915C 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
#40915C }
```

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

```
.border{ border-color:#40915C }
```

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

Here you see how a box with a 4 pixel #40915C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40915C; -webkit-box-shadow:4px 4px  
4px 4px #40915C; box-shadow:4px 4px 4px  
4px #40915C }
```

# Background

The CSS property to change the background color of an element to Hex 40915C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40915C }
```

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

```
.background{ background-color:#40915C }
```

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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