

# Converting Colors

Hex(C36564)

Have a look what the booklet for  
Hex(C36564) contains.

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# Color

**Hex(C36564)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C36564
RGB	195, 101, 100
RGB Percent	76%, 40%, 39%
CMY	0.2353, 0.6039, 0.6078
CMYK	0.00, 0.48, 0.49, 0.24
HSL	1°, 44%, 58%
HSV	1°, 49%, 76%
XYZ	29.4596, 21.8296, 14.7174
YIQ	128.9920, 56.3450, 19.6170

# Conversions

## Conversions Part 2

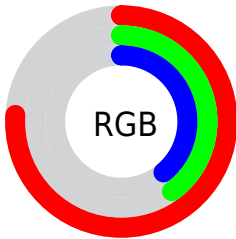
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	195, 101, 100
Decimal	12805476
CIE <sub>Lab</sub>	53.85, 37.32, 17.78
CIE <sub>LCh</sub>	54, 41.337, 25.479
Yxy	21.8296, 0.4463, 0.3307
Android (android.graphics.Color)	4290995556 (0xFFC36564)
YUV	128.9920, -14.2931, 57.8890
Hunter-Lab	46.7221, 30.7856, 14.0292

# Details

The Hex color **C36564** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **64C2C3**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF9A97**, and **893235** is the 20% darker color. If you saturate the color by 10%, you get **C35250**, and if you desaturate by 10%, it is **C37878**.

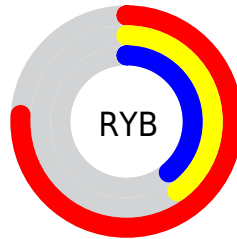
# Distribution



Red (76%)

Green (40%)

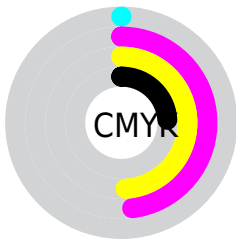
Blue (39%)



Red (76%)

Yellow (40%)

Blue (39%)

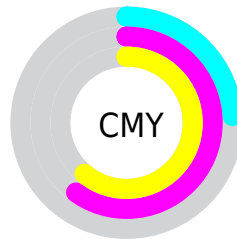


Cyan (0%)

Magenta (48%)

Yellow (49%)

Black (24%)



Cyan (24%)

Magenta (60%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C36564 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 C36564 by changing the saturation by 10% instead.



 C36564

 C36564

FFFFFF

 A64C4C

 FF9A97

 893235

 FFB5B1

 6D1920

 FFD1CD

 52000A

 FFE0E9

 380000

 170000

 000000

 C36564

 C36564

 C35250

 C37878

 C33E3D

 C38C8B

 C32B2A

 C39F9E

 C31816

 C3B2B2

 C30503

 C3C5C5

 C30200

 C3D9D9

 C3ECED

 C3FFFF

# Harmonies

## Analogous

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



BF6388



C36564



B57047

# Triad

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



C36564



4C8F57



2F86C7

# Complementary

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



C36564



64C2C3

# 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.



008FBB



C36564



00927A

# Square

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



C36564



77883E



00929E



7B79C1

# Rectangle

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



C36564



A4793B



00929E



0089C5



# Sweetspot

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



C36564



FCD7D7



C364C3



806969



000000



808080



# Same Dimension

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



C36564



FC6C6A



C39364



615757



A10200



210000



# Inverse Universe

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



64C2C3



6AFBFC



6493C3



576161



009FA1

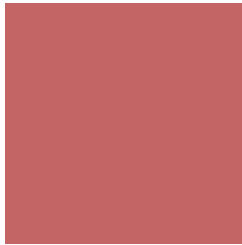


002121



# Previews

## White Background



This preview shows how the Hex color C36564 looks on a white background.

## Color Contrast Check

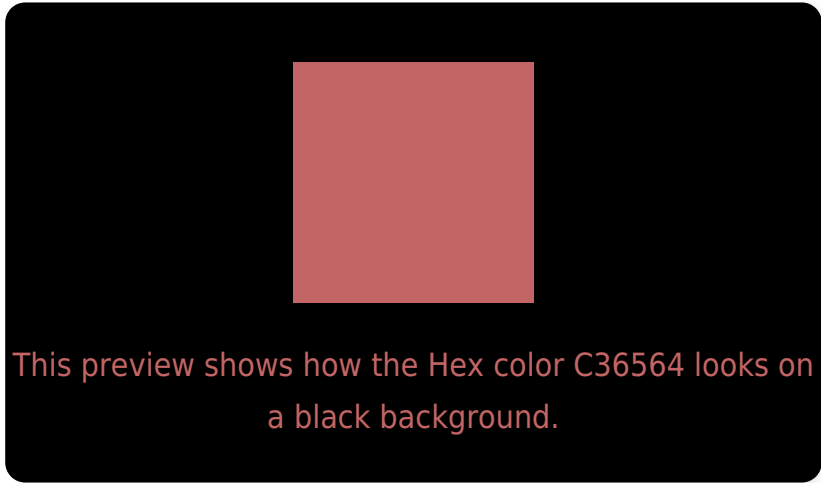
Large Text (above 18pt) WCAG AA ✓ Pass

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 C36564 Background



This preview shows how black text looks on a background with the Hex color C36564.



This preview shows how white text looks on a background with the Hex color C36564.

# 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](#).

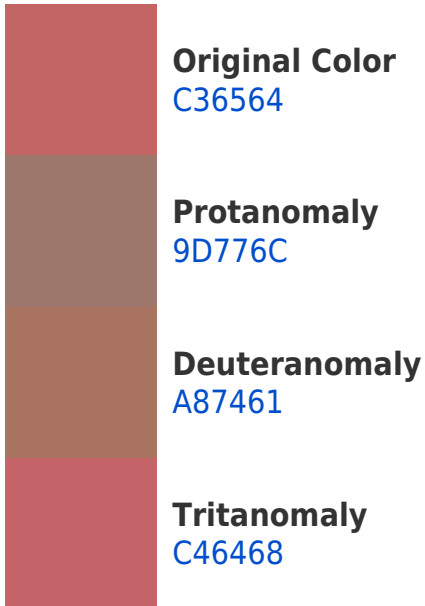
## Dichromacy





**Tritanopia**  
C4646B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C36564 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 #C36564 looks like.

```
.text, #text, p{  
    color:#C36564  
}
```

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 #C36564 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C36564
}
```

## Border

The CSS property to change the border of an element to Hex C36564 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
#C36564 }
```

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

```
.border{ border-color:#C36564 }
```

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

Here you see how a box with a 4 pixel #C36564 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C36564; -webkit-box-shadow:4px 4px  
4px 4px #C36564; box-shadow:4px 4px 4px  
4px #C36564 }
```

# Background

The CSS property to change the background color of an element to Hex C36564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C36564 }
```

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

```
.background{ background-color:#C36564 }
```

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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