

# Converting Colors

Hex(C46353)

Have a look what the booklet for  
Hex(C46353) contains.

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**Color**

**Hex(C46353)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C46353
RGB	196, 99, 83
RGB Percent	77%, 39%, 33%
CMY	0.2314, 0.6118, 0.6745
CMYK	0.00, 0.49, 0.58, 0.23
HSL	8°, 49%, 55%
HSV	8°, 58%, 77%
XYZ	28.7881, 21.2840, 10.7745
YIQ	126.1790, 62.9480, 15.5880

# Conversions

## Conversions Part 2

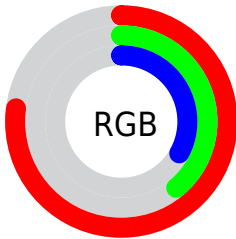
Format	Color
R <sub>Y</sub> B	196, 102, 83
Decimal	12870483
CIE Lab	53.26, 37.26, 26.90
CIE LCh	53, 45.955, 35.835
Yxy	21.2840, 0.4731, 0.3498
Android (android.graphics.Color)	4291060563 (0xFFC46353)
YUV	126.1790, -21.2872, 61.2330
Hunter-Lab	46.1346, 30.6491, 18.4473

# Details

The Hex color **C46353** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **53B4C4**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF9885**, and **893126** is the 20% darker color. If you saturate the color by 10%, you get **C4523F**, and if you desaturate by 10%, it is **C47467**.

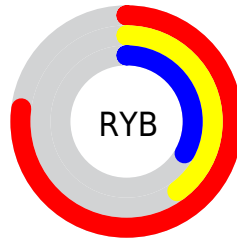
# Distribution



Red (77%)

Green (39%)

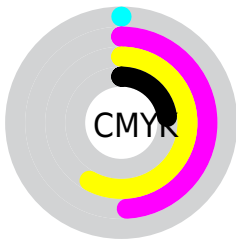
Blue (33%)



Red (77%)

Yellow (40%)

Blue (33%)

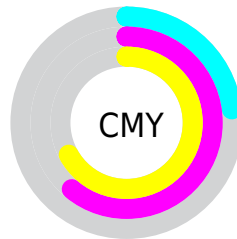


Cyan (0%)

Magenta (49%)

Yellow (58%)

Black (23%)



Cyan (23%)

Magenta (61%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C46353 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 C46353 by changing the saturation by 10% instead.



 C46353

 C46353

FFFFFF

 A74A3C

 FF9885

 893126

 FFB39F

 6D1611

 FFCFBA

 510000

 FFECD6

 360000

 FFFFF2

 130000

 000000

 C46353

 C46353

 C4523F

 C47467

 C4412C

 C4857A

 C43118

 C4958E

 C42005

 C4A6A1

 C41C00

 C4B7B5

 C4C8C9

 C4D9DC

 C4EAF0

 C4FAFF

# Harmonies

## Analogous

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



C85C79



C46353



AF7136

# Triad

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



C46353



27905D



4281CE

# Complementary

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



C46353



53B4C4

# 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.



008CC7



C46353



009386

# Square

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



C46353



658A3C



0092AC



8C72C0

# Rectangle

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



C46353



9A7B2C



0092AC



0185CE



# Sweetspot

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



C46353



FFDAD4



C453B5



806A66



000000



808080



# Same Dimension

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



C46353



FF684F



C49B53



615957



A11700



210500

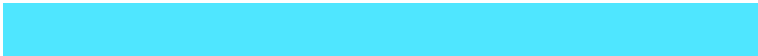


# Inverse Universe

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



53B4C4



4FE6FF



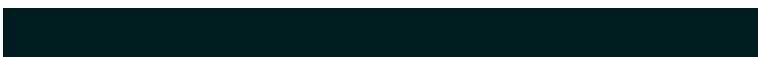
537CC4



576061



008AA1



001C21



# Previews

## White Background



This preview shows how the Hex color C46353 looks on a white background.

## Color Contrast Check

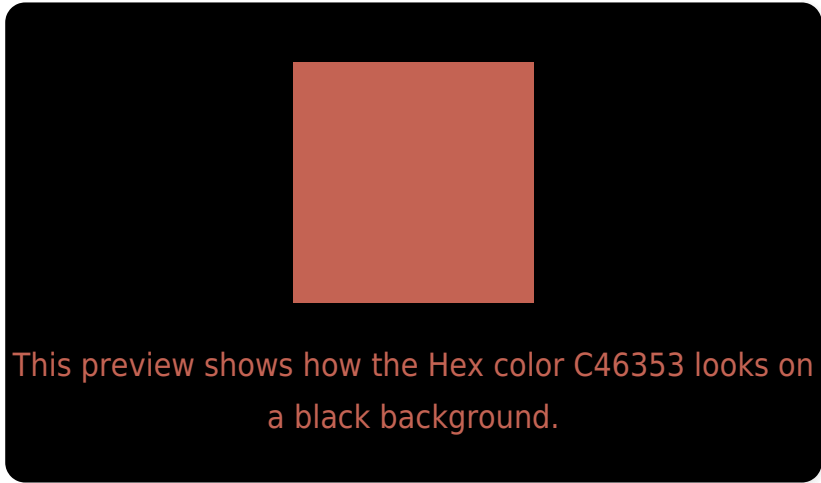
Large Text (above 18pt) WCAG AA ✓ Pass

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 C46353 Background



This preview shows how black text looks on a background with the Hex color C46353.



This preview shows how white text looks on a background with the Hex color C46353.

# 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**  
C46353

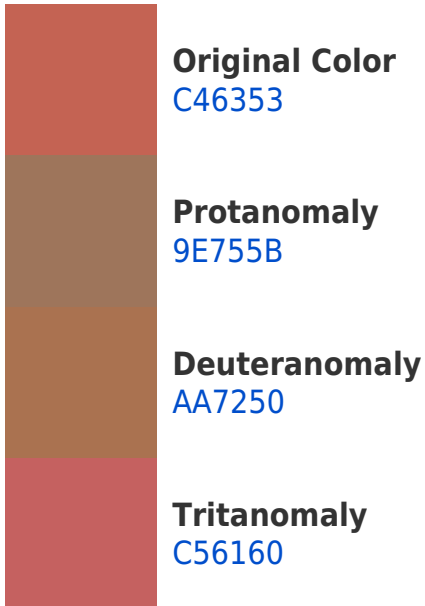
**Protanopia**  
89805F

**Deuteranopia**  
9B7A4F



**Tritanopia**  
C56067

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C46353 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 #C46353 looks like.

```
.text, #text, p{  
    color:#C46353  
}
```

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 #C46353 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C46353
}
```

## Border

The CSS property to change the border of an element to Hex C46353 is called "border". The border property can be set on classes, ids or directly on the HTML element.

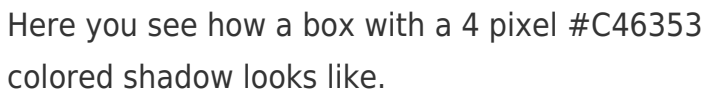
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C46353 }
```

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

```
.border{ border-color:#C46353 }
```

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



Here you see how a box with a 4 pixel #C46353 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C46353; -webkit-box-shadow:4px 4px  
4px 4px #C46353; box-shadow:4px 4px 4px  
4px #C46353 }
```

# Background

The CSS property to change the background color of an element to Hex C46353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C46353 }
```

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

```
.background{ background-color:#C46353 }
```

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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