

# Converting Colors

Hex(C05046)

Have a look what the booklet for  
Hex(C05046) contains.

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**Color**

**Hex(C05046)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C05046
RGB	192, 80, 70
RGB Percent	75%, 31%, 27%
CMY	0.2471, 0.6863, 0.7255
CMYK	0.00, 0.58, 0.64, 0.25
HSL	5°, 49%, 51%
HSV	5°, 64%, 75%
XYZ	25.7124, 17.3860, 7.7950
YIQ	112.3480, 69.9620, 20.6340

# Conversions

## Conversions Part 2

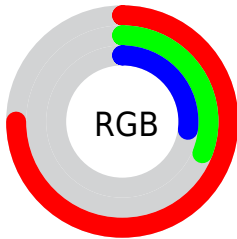
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	192, 81, 70
Decimal	12603462
CIE <sub>Lab</sub>	48.74, 44.31, 28.58
CIE <sub>LCh</sub>	49, 52.728, 32.822
Yxy	17.3860, 0.5052, 0.3416
Android (android.graphics.Color)	4290793542 (0xFFC05046)
YUV	112.3480, -20.8776, 69.8548
Hunter-Lab	41.6965, 37.1041, 18.1035

# Details

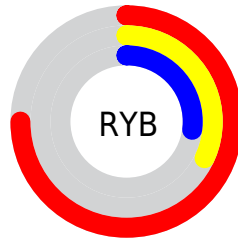
The Hex color **C05046** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **46B6C0**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FD8577**, and **85191A** is the 20% darker color. If you saturate the color by 10%, you get **C03E33**, and if you desaturate by 10%, it is **C06259**.

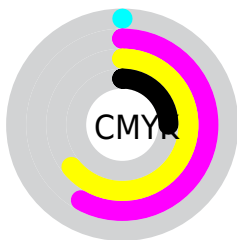
# Distribution



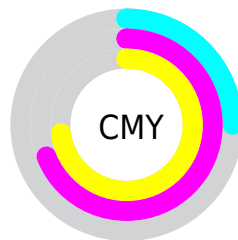
- Red (75%)
- Green (31%)
- Blue (27%)



- Red (75%)
- Yellow (32%)
- Blue (27%)



- Cyan (0%)
- Magenta (58%)
- Yellow (64%)
- Black (25%)



- Cyan (25%)
- Magenta (69%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C05046 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 C05046 by changing the saturation by 10% instead.



 C05046

 C05046

FFFFFF

 A2362F

 FD8577

 85191A

 FFA090

 680001

 FFBCAB

 4B0000

 FFD8C6

 310002

 FFF5E2

 000000

 C05046

 C05046

 C03E33

 C06259

 C02D20

 C0736C

 C01B0C

 C08580

 C01000

 C09793

 C0A8A6

 C0BAB9

 C0CBCC

 C0DDE0

 C0EFF3

# Harmonies

## Analogous

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



C34871



C05046



AA6221

# Triad

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



C05046



008649



0078CD

# Complementary

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



C05046



46B6C0

# 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.



0083C3



C05046



008977

# Square

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



C05046



597F21



0088A3



7966BF

# Rectangle

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



C05046



936E0E



0088A3



007CCC



# Sweetspot

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



C05046



FACECA



C046B8



7D6360



FCFCFC



7D7D7D



# Same Dimension

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



C05046



FA4C3C



C08B46



615857



A10D00



210300



# Inverse Universe

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



46B6C0



3CEAFA



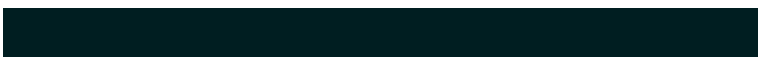
467BC0



576061



0093A1

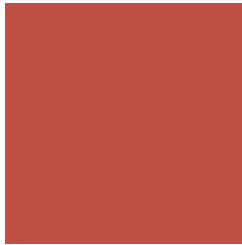


001E21



# Previews

## White Background



This preview shows how the Hex color C05046 looks on a white background.

## Color Contrast Check

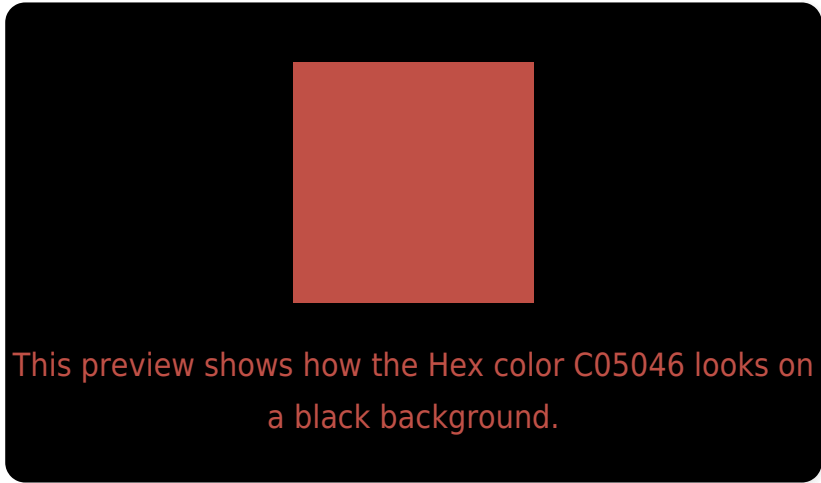
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex C05046 Background



This preview shows how black text looks on a background with the Hex color C05046.



This preview shows how white text looks on a background with the Hex color C05046.

# 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**  
C05046

**Protanopia**  
7D7454

**Deuteranopia**  
8E6F40



**Tritanopia**  
C14E53

# Trichromacy



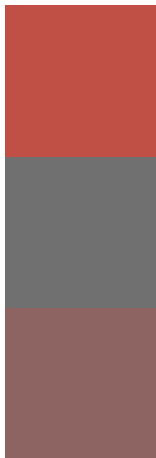
**Original Color**  
C05046

**Protanomaly**  
95674F

**Deuteranomaly**  
A06442

**Tritanomaly**  
C14F4E

# Monochromacy



**Original Color**  
C05046

**Achromatopsia**  
707070

**Achromatomaly**  
8D6461

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C05046 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 #C05046 looks like.

```
.text, #text, p{  
    color:#C05046  
}
```

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 #C05046 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C05046
}
```

## Border

The CSS property to change the border of an element to Hex C05046 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
#C05046 }
```

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

```
.border{ border-color:#C05046 }
```

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

Here you see how a box with a 4 pixel #C05046 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C05046; -webkit-box-shadow:4px 4px  
4px 4px #C05046; box-shadow:4px 4px 4px  
4px #C05046 }
```

# Background

The CSS property to change the background color of an element to Hex C05046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C05046 }
```

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

```
.background{ background-color:#C05046 }
```

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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