

Converting Colors

Hex(C45F57)

Have a look what the booklet for
Hex(C45F57) contains.

Hex(C45F57)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C45F57)

Conversions

Conversions Part 1

Format	Color
Hex	C45F57
RGB	196, 95, 87
RGB Percent	77%, 37%, 34%
CMY	0.2314, 0.6275, 0.6588
CMYK	0.00, 0.52, 0.56, 0.23
HSL	4°, 48%, 55%
HSV	4°, 56%, 77%
XYZ	28.5775, 20.6083, 11.4884
YIQ	124.2870, 62.7640, 18.9240

Conversions

Conversions Part 2

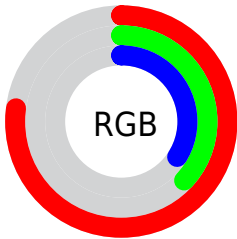
Format	Color
R _Y B	196, 96, 87
Decimal	12869463
CIE Lab	52.52, 39.63, 23.63
CIE LCh	53, 46.137, 30.805
Yxy	20.6083, 0.4710, 0.3397
Android (android.graphics.Color)	4291059543 (0xFFC45F57)
YUV	124.2870, -18.3825, 62.8923
Hunter-Lab	45.3964, 32.9239, 16.7730

Details

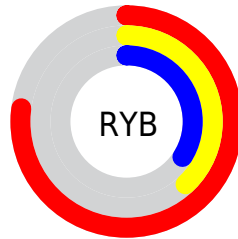
The Hex color **C45F57** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **57BCC4**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF9489**, and **892C2A** is the 20% darker color. If you saturate the color by 10%, you get **C44D43**, and if you desaturate by 10%, it is **C4716B**.

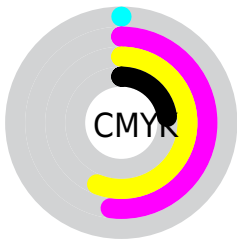
Distribution



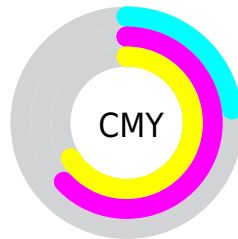
- Red (77%)
- Green (37%)
- Blue (34%)



- Red (77%)
- Yellow (38%)
- Blue (34%)



- Cyan (0%)
- Magenta (52%)
- Yellow (56%)
- Black (23%)



- Cyan (23%)
- Magenta (63%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color C45F57 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 C45F57 by changing the saturation by 10% instead.

 C45F57

 C45F57

FFFFFF

 A74540

 FF9489

 892C2A

 FFAFA3

 6D1015

 FFCBBE

 510000

 FFE8DA

 370001

 FFFFF7

 120000

 000000

 C45F57

 C45F57

 C44D43

 C4716B

 C43B30

 C4837E

 C4291C

 C49592

 C41609

 C4A8A5

 C40E00

 C4BAB9

 C4CCCD

 C4DEE0

 C4F0F4

 C4FFFF

Harmonies

Analogous

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



C45A7E



C45F57



B16D38

Triad

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



C45F57



338E55



2881CC

Complementary

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



C45F57



57BCC4

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.



008BC2



C45F57



00917D

Square

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



C45F57



6A8735



0090A5



8072C2

Rectangle

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



C45F57



9E772C



0090A5



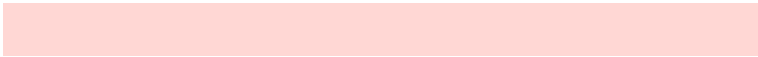
0085CB

Sweetspot

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



C45F57



FFD7D4



C457BD



806866



000000



808080

Same Dimension

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



C45F57



FF6154



C49557



615857



A10C00



210200

Inverse Universe

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



57BCC4



54F2FF



5786C4



576061



0095A1



001F21

Previews

White Background



This preview shows how the Hex color C45F57 looks on a white background.

Color Contrast Check

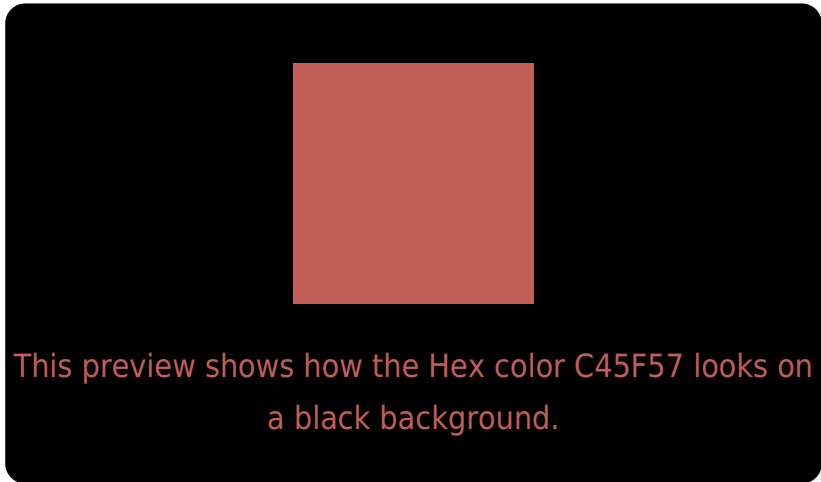
Large Text (above 18pt) WCAG AA ✓ Pass

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 C45F57 Background



This preview shows how black text looks on a background with the Hex color C45F57.



This preview shows how white text looks on a background with the Hex color C45F57.

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](#).

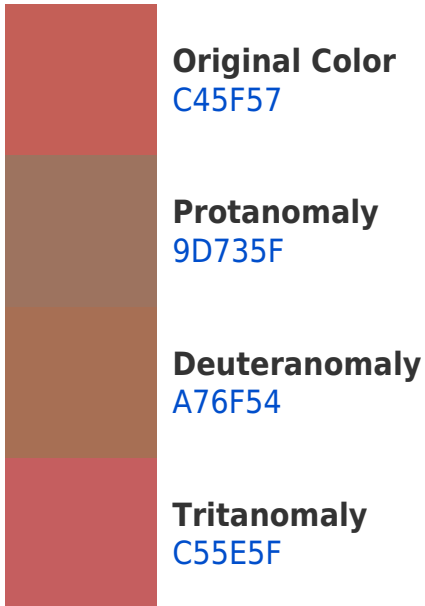
Dichromacy



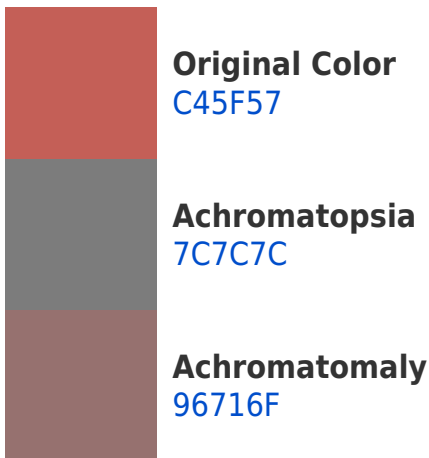


Tritanopia
C55D64

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C45F57 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 #C45F57 looks like.

```
.text, #text, p{  
    color:#C45F57  
}
```

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 #C45F57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C45F57
}
```

Border

The CSS property to change the border of an element to Hex C45F57 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
#C45F57 }
```

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

```
.border{ border-color:#C45F57 }
```

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

Here you see how a box with a 4 pixel #C45F57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C45F57; -webkit-box-shadow:4px 4px  
4px 4px #C45F57; box-shadow:4px 4px 4px  
4px #C45F57 }
```

Background

The CSS property to change the background color of an element to Hex C45F57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C45F57 }
```

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

```
.background{ background-color:#C45F57 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor