

# Converting Colors

Hex(C13641)

Have a look what the booklet for  
Hex(C13641) contains.

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**Color**

**Hex(C13641)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C13641
RGB	193, 54, 65
RGB Percent	76%, 21%, 25%
CMY	0.2431, 0.7882, 0.7451
CMYK	0.00, 0.72, 0.66, 0.24
HSL	355°, 56%, 48%
HSV	355°, 72%, 76%
XYZ	24.2656, 14.3574, 6.4934
YIQ	96.8150, 79.3130, 32.8890

# Conversions

## Conversions Part 2

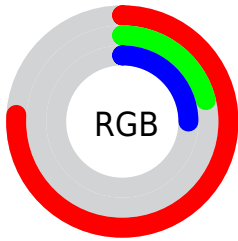
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 54, 65
Decimal	12662337
CIE <sub>Lab</sub>	44.74, 55.38, 26.59
CIE <sub>LCh</sub>	45, 61.427, 25.647
Yxy	14.3574, 0.5378, 0.3182
Android (android.graphics.Color)	4290852417 (0xFFC13641)
YUV	96.8150, -15.6848, 84.3542
Hunter-Lab	37.8912, 48.0022, 16.3634

# Details

The Hex color **C13641** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **36C1B6**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF6E71**, and **840017** is the 20% darker color. If you saturate the color by 10%, you get **C1232F**, and if you desaturate by 10%, it is **C14953**.

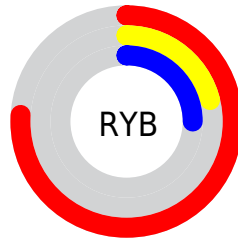
# Distribution



Red (76%)

Green (21%)

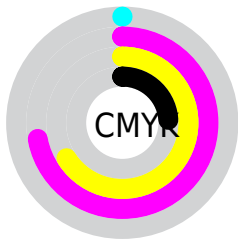
Blue (25%)



Red (76%)

Yellow (21%)

Blue (25%)

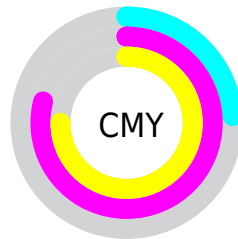


Cyan (0%)

Magenta (72%)

Yellow (66%)

Black (24%)



Cyan (24%)

Magenta (79%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C13641 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 C13641 by changing the saturation by 10% instead.



 C13641

 C13641

FFFFFF

 A2132B

 FF6E71

 840017

 FF8A8A

 670000

 FFA6A5

 490001

 FFC3C0

 2D0001

 FFE0DC

 000000

 FFFDF8

 C13641

 C13641

 C1232F

 C14953

 C10F1D

 C15D65

 C1000F

 C17076

 C18388

 C1979A

 C1AAAC

 C1BDBD

 C1D0CF

 C1E4E1

# Harmonies

## Analogous

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



BF2F74



C13641



AC4F0E

# Triad

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



C13641



007C2B



0073D1

# Complementary

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



C13641



36C1B6

# 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.



007DBE



C13641



008061

# Square

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



C13641



557400



008095



5560C7

# Rectangle

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



C13641



945F00



008095



0077CE



# Sweetspot

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



C13641



FAC3C7



B536C1



7D5C5F



FCFCFC



7D7D7D



# Same Dimension

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



C13641



FA2334



C17036



615758



A1000D



210003



# Inverse Universe

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



C13641



FA2334



3687C1



615758



A1000D



210003



# Previews

## White Background



This preview shows how the Hex color C13641 looks on a white background.

## Color Contrast Check

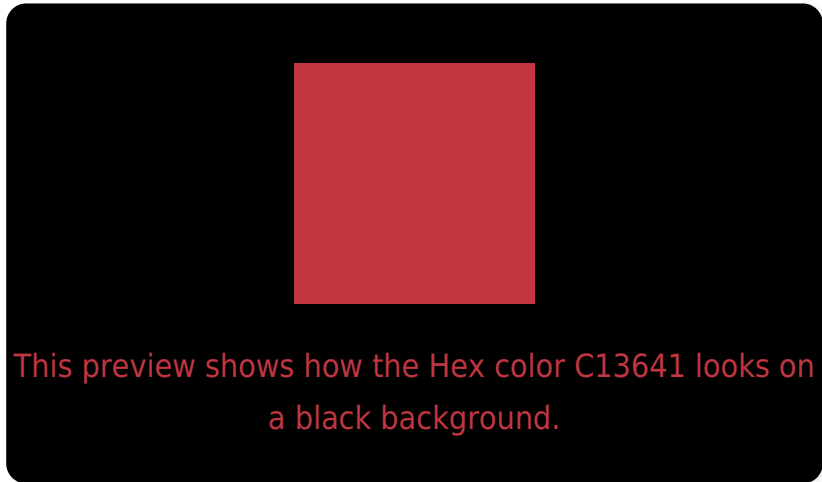
Large Text (above 18pt) WCAG AA ✓ Pass

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 C13641 Background



This preview shows how black text looks on a background with the Hex color C13641.



This preview shows how white text looks on a background with the Hex color C13641.

# 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



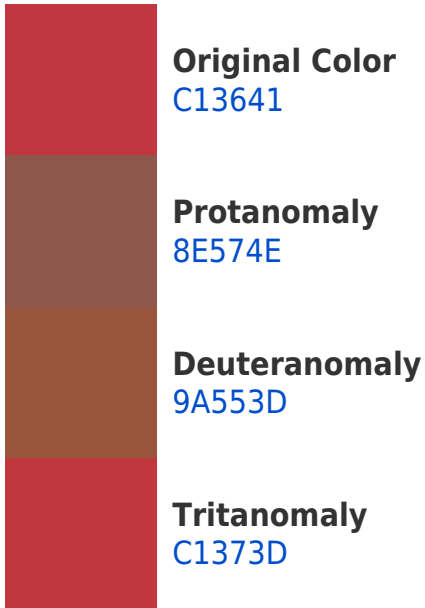
**Original Color**  
C13641

**Protanopia**  
716A56

**Deuteranopia**  
83663A



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C13641 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 #C13641 looks like.

```
.text, #text, p{  
    color:#C13641  
}
```

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 #C13641 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C13641
}
```

## Border

The CSS property to change the border of an element to Hex C13641 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
#C13641 }
```

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

```
.border{ border-color:#C13641 }
```

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

Here you see how a box with a 4 pixel #C13641 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C13641; -webkit-box-shadow:4px 4px  
4px 4px #C13641; box-shadow:4px 4px 4px  
4px #C13641 }
```

# Background

The CSS property to change the background color of an element to Hex C13641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C13641 }
```

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

```
.background{ background-color:#C13641 }
```

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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