

# Converting Colors

Hex(C35E29)

Have a look what the booklet for  
Hex(C35E29) contains.

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**Color**

**Hex(C35E29)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C35E29
RGB	195, 94, 41
RGB Percent	76%, 37%, 16%
CMY	0.2353, 0.6314, 0.8392
CMYK	0.00, 0.52, 0.79, 0.24
HSL	21°, 65%, 46%
HSV	21°, 79%, 76%
XYZ	26.9086, 19.7676, 4.4951
YIQ	118.1570, 77.2090, 4.9290

# Conversions

## Conversions Part 2

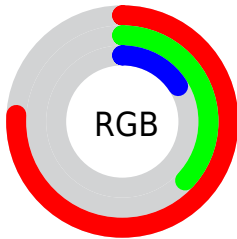
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	195, 122, 41
Decimal	12803625
CIE Lab	51.57, 37.05, 47.38
CIE LCh	52, 60.147, 51.979
Yxy	19.7676, 0.5259, 0.3863
Android (android.graphics.Color)	4290993705 (0xFFC35E29)
YUV	118.1570, -38.0384, 67.3913
Hunter-Lab	44.4608, 30.2257, 25.1282

# Details

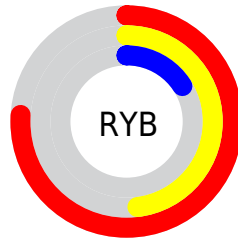
The Hex color **C35E29** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **298EC3**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF925A**, and **872C00** is the 20% darker color. If you saturate the color by 10%, you get **C35115**, and if you desaturate by 10%, it is **C36B3D**.

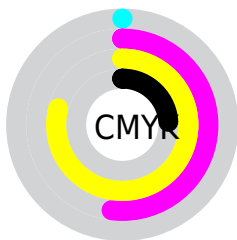
# Distribution



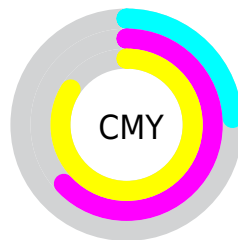
- Red (76%)
- Green (37%)
- Blue (16%)



- Red (76%)
- Yellow (48%)
- Blue (16%)



- Cyan (0%)
- Magenta (52%)
- Yellow (79%)
- Black (24%)



- Cyan (24%)
- Magenta (63%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C35E29 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 C35E29 by changing the saturation by 10% instead.



 C35E29

 C35E29

FFFFFF

 A5450F

 FF925A

 872C00

 FFAD74

 691100

 FFC98E

 4C0000

 FFE6A9

 330001

 FFFFC4

 020000

 FFFFFE1

 000000

 FFFFFD

 C35E29

 C35E29

 C35115

 C36B3D

 C34402

 C37850

 C34300

 C38463

 C39177

 C39E8A

 C3AB9E

 C3B8B2

 C3C4C5

 C3D1D9

# Harmonies

## Analogous

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



D64A58



C35E29



9F7400

# Triad

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



C35E29



00926B



5D73DB

# Complementary

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



C35E29



298EC3

# 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.



0085E1



C35E29



0093A0

# Square

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



C35E29



268D37



008FCB



AB5BBB

# Rectangle

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



C35E29



807F00



008FCB



287AE0



# Sweetspot

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



C35E29



FCD5C0



C32990



80675B



000000



808080



# Same Dimension

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



C35E29



FC5F0D



C3A929



615B57



A13700



210B00



# Inverse Universe

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



298EC3



0DAAF3



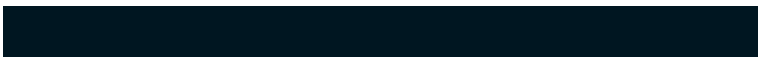
2943C3



575E61



0069A1



001621



# Previews

## White Background



This preview shows how the Hex color C35E29 looks on a white background.

## Color Contrast Check

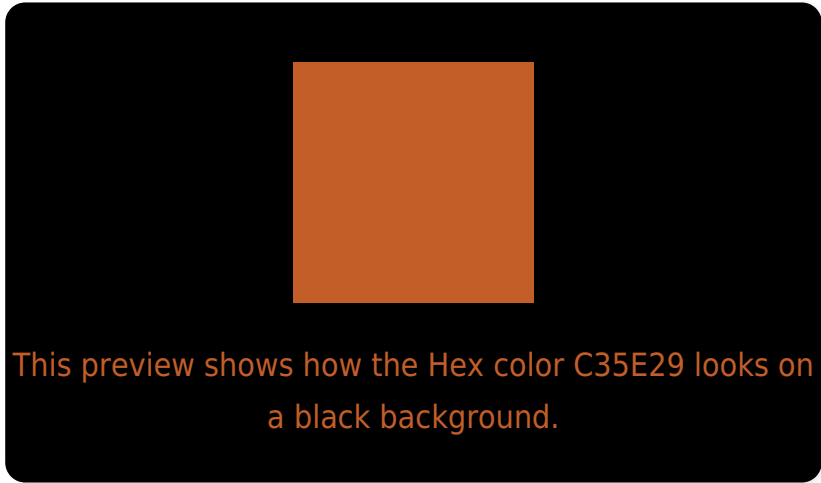
Large Text (above 18pt) WCAG AA ✓ Pass

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 C35E29 Background



This preview shows how black text looks on a background with the Hex color C35E29.



This preview shows how white text looks on a background with the Hex color C35E29.

# 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**  
C35E29

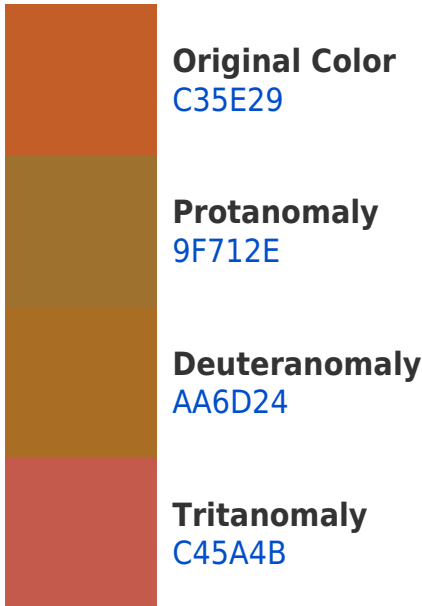
**Protanopia**  
8A7C31

**Deuteranopia**  
9B7521



**Tritanopia**  
C5585E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C35E29 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 #C35E29 looks like.

```
.text, #text, p{  
    color:#C35E29  
}
```

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 #C35E29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C35E29
}
```

## Border

The CSS property to change the border of an element to Hex C35E29 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
#C35E29 }
```

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

```
.border{ border-color:#C35E29 }
```

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

Here you see how a box with a 4 pixel #C35E29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C35E29; -webkit-box-shadow:4px 4px  
4px 4px #C35E29; box-shadow:4px 4px 4px  
4px #C35E29 }
```

# Background

The CSS property to change the background color of an element to Hex C35E29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C35E29 }
```

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

```
.background{ background-color:#C35E29 }
```

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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