

# Converting Colors

Hex(CD453A)

Have a look what the booklet for  
Hex(CD453A) contains.

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# Color

**Hex(CD453A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD453A
RGB	205, 69, 58
RGB Percent	80%, 27%, 23%
CMY	0.1961, 0.7294, 0.7725
CMYK	0.00, 0.66, 0.72, 0.20
HSL	4°, 60%, 52%
HSV	4°, 72%, 80%
XYZ	28.0687, 17.5409, 5.9093
YIQ	108.4100, 84.5870, 25.4110

# Conversions

## Conversions Part 2

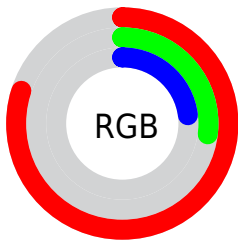
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 70, 58
Decimal	13452602
CIE Lab	48.93, 53.07, 36.23
CIE LCh	49, 64.264, 34.321
Yxy	17.5409, 0.5448, 0.3405
Android (android.graphics.Color)	4291642682 (0xFFCD453A)
YUV	108.4100, -24.8521, 84.7094
Hunter-Lab	41.8818, 46.3353, 20.9517

# Details

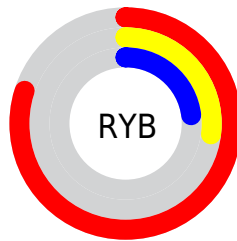
The Hex color **CD453A** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **3AC2CD**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF7C6A**, and **8F000F** is the 20% darker color. If you saturate the color by 10%, you get **CD3225**, and if you desaturate by 10%, it is **CD584E**.

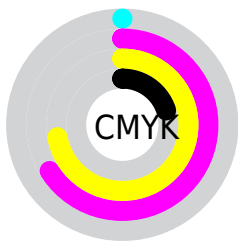
# Distribution



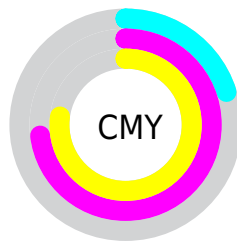
- Red (80%)
- Green (27%)
- Blue (23%)



- Red (80%)
- Yellow (27%)
- Blue (23%)



- Cyan (0%)
- Magenta (66%)
- Yellow (72%)
- Black (20%)



- Cyan (20%)
- Magenta (73%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD453A 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 CD453A by changing the saturation by 10% instead.



 CD453A

 CD453A

FFFFFF

 AE2824

 FF7C6A

 8F000F

 FF9883

 710000

 FFB49D

 530000

 FFD0B9

 380002

 FFEDD4

 0E0000

 FFFFF1

 000000

 CD453A

 CD453A

 CD3225

 CD584E

 CD1F11

 CD6B63

 CD0F00

 CD7E77

 CD918C

 CDA4A1

 CDB7B5

 CDCACA

 CDDDDE

 CDF0F3

# Harmonies

## Analogous

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



D3356F



CD453A



B15F00

# Triad

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



CD453A



008942



0079E2

# Complementary

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



CD453A



3AC2CD

# 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.



0086D7



CD453A



008C7B

# Square

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



CD453A



4C8200



008CB1



7D62CF

# Rectangle

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



CD453A



956E00



008CB1



007EE1



# Sweetspot

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



CD453A



FFCBC7



CD3AC3



80615E



000000



808080



# Same Dimension

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



CD453A



FF3424



CD8D3A



665D5C



A60C00



260300



# Inverse Universe

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



3AC2CD



24EFFF



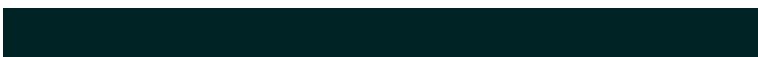
3A7ACD



5C6566



0099A6

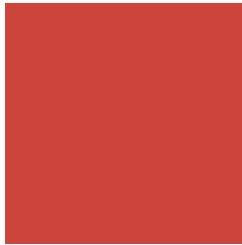


002326



# Previews

## White Background



This preview shows how the Hex color CD453A looks on a white background.

## Color Contrast Check

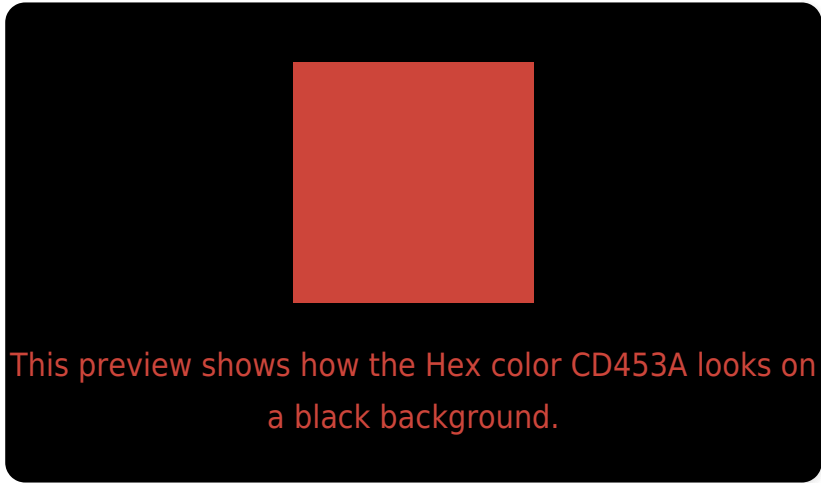
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 CD453A Background



This preview shows how black text looks on a background with the Hex color CD453A.

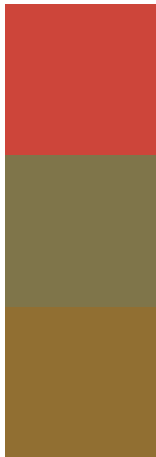


This preview shows how white text looks on a background with the Hex color CD453A.

# 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**  
CD453A

**Protanopia**  
7F754A

**Deuteranopia**  
916F32



# Trichromacy



**Original Color**  
CD453A

**Protanomaly**  
9B6444

**Deuteranomaly**  
A76035

**Tritanomaly**  
CE4442

# Monochromacy



**Original Color**  
CD453A

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
8F5E5A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD453A 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 #CD453A looks like.

```
.text, #text, p{  
    color:#CD453A  
}
```

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 #CD453A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD453A
}
```

## Border

The CSS property to change the border of an element to Hex CD453A 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
#CD453A }
```

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

```
.border{ border-color:#CD453A }
```

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

Here you see how a box with a 4 pixel #CD453A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD453A; -webkit-box-shadow:4px 4px  
4px 4px #CD453A; box-shadow:4px 4px 4px  
4px #CD453A }
```

# Background

The CSS property to change the background color of an element to Hex CD453A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD453A }
```

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

```
.background{ background-color:#CD453A }
```

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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