

# Converting Colors

Hex(D3554C)

Have a look what the booklet for  
Hex(D3554C) contains.

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# Color

Hex(D3554C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D3554C
RGB	211, 85, 76
RGB Percent	83%, 33%, 30%
CMY	0.1725, 0.6667, 0.7020
CMYK	0.00, 0.60, 0.64, 0.17
HSL	4°, 61%, 56%
HSV	4°, 64%, 83%
XYZ	31.4170, 20.8677, 9.2095
YIQ	121.6480, 77.9850, 23.9130

# Conversions

## Conversions Part 2

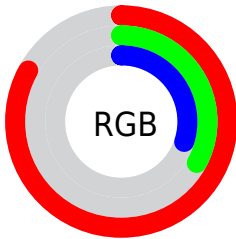
Format	Color
<a href="#">RYB</a>	<a href="#">211, 86, 76</a>
Decimal	<a href="#">13849932</a>
CIELab	<a href="#">52.80, 49.14, 30.84</a>
CIElCh	<a href="#">53, 58.013, 32.109</a>
Yxy	<a href="#">20.8677, 0.5109, 0.3393</a>
Android (android.graphics.Color)	<a href="#">4292040012 (0xFFD3554C)</a>
YUV	<a href="#">121.6480, -22.5045, 78.3617</a>
Hunter-Lab	<a href="#">45.6812, 42.8204, 20.0237</a>

# Details

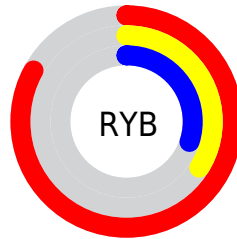
The Hex color **D3554C** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **4CCAD3**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF8B7D**, and **961C1F** is the 20% darker color. If you saturate the color by 10%, you get **D34137**, and if you desaturate by 10%, it is **D36961**.

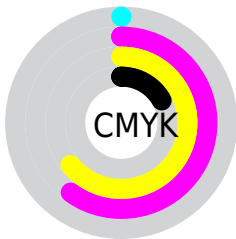
# Distribution



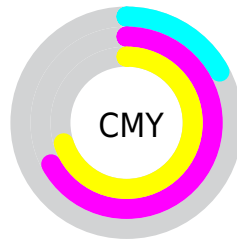
- Red (83%)
- Green (33%)
- Blue (30%)



- Red (83%)
- Yellow (34%)
- Blue (30%)



- Cyan (0%)
- Magenta (60%)
- Yellow (64%)
- Black (17%)



- Cyan (17%)
- Magenta (67%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3554C 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 D3554C by changing the saturation by 10% instead.



 D3554C

 D3554C

FFFFFF

 B43A35

 FF8B7D

 961C1F

 FFA797

 78000A

 FFC3B2

 5B0000

 FFE0CD

 3F0001

 FFFDEA

 200001

 000000

 D3554C

 D3554C

 D34137

 D36961

 D32E22

 D37C76

 D31A0D

 D3908B

 D30E00

 D3A4A0

 D3B7B6

 D3CBCB

 D3DFE0

 D3F3F5

 D3FFFF

# Harmonies

## Analogous

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



D64C7D



D3554C



BB6A22

# Triad

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



D3554C



00924D



0083E2

# Complementary

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



D3554C



4CCAD3

# 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.



008FD6



D3554C



009580

# Square

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



D3554C



618A1F



0095B2



826FD3

# Rectangle

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



D3554C



A27708



0095B2



0088E1



# Sweetspot

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



D3554C



FFD2CF



D34CCA



806462



000000



808080



# Same Dimension

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



D3554C



FF483B



D3994C



695F5E



A80B00



290300



# Inverse Universe

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



4CCAD3



3BF2FF



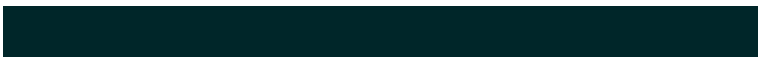
4C87D3



5E6869



009DA8

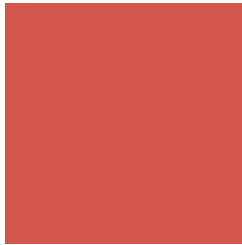


002629



# Previews

## White Background



This preview shows how the Hex color D3554C looks on a white background.

## Color Contrast Check

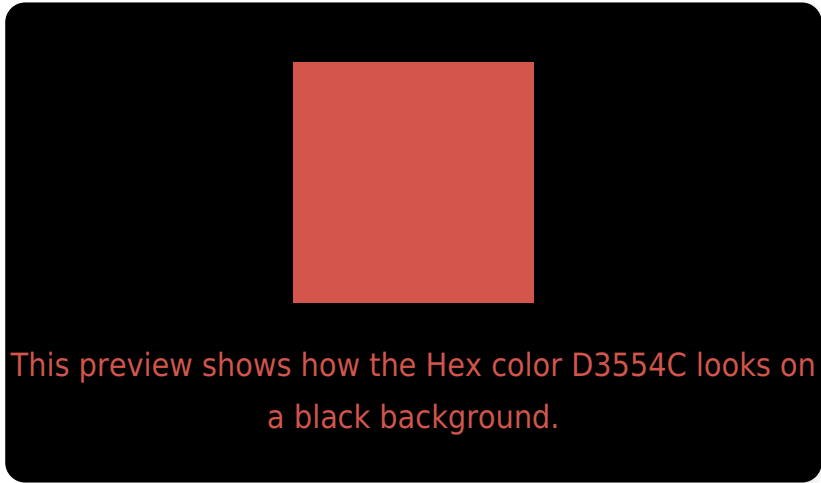
Large Text (above 18pt) WCAG AA ✓ Pass

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 D3554C Background



This preview shows how black text looks on a background with the Hex color D3554C.

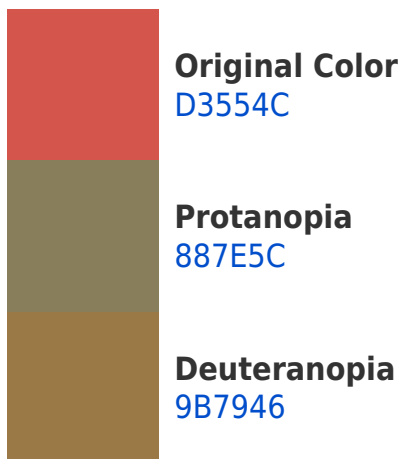


This preview shows how white text looks on a background with the Hex color D3554C.

# 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**  
D45358

# Trichromacy



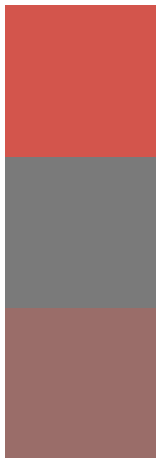
**Original Color**  
D3554C

**Protanomaly**  
A36F56

**Deuteranomaly**  
AF6C48

**Tritanomaly**  
D45454

# Monochromacy



**Original Color**  
D3554C

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
9A6D69

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3554C 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 #D3554C looks like.

```
.text, #text, p{  
    color:#D3554C  
}
```

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 #D3554C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3554C
}
```

## Border

The CSS property to change the border of an element to Hex D3554C is called "border". The border property can be set on classes, ids or directly on the HTML element.

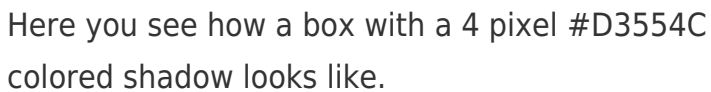
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D3554C }
```

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

```
.border{ border-color:#D3554C }
```

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



Here you see how a box with a 4 pixel #D3554C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3554C; -webkit-box-shadow:4px 4px  
4px 4px #D3554C; box-shadow:4px 4px 4px  
4px #D3554C }
```

# Background

The CSS property to change the background color of an element to Hex D3554C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3554C }
```

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

```
.background{ background-color:#D3554C }
```

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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