

# Converting Colors

Hex(D75640)

Have a look what the booklet for  
Hex(D75640) contains.

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**Color**

**Hex(D75640)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D75640
RGB	215, 86, 64
RGB Percent	84%, 34%, 25%
CMY	0.1569, 0.6627, 0.7490
CMYK	0.00, 0.60, 0.70, 0.16
HSL	9°, 65%, 55%
HSV	9°, 70%, 84%
XYZ	32.2775, 21.4728, 7.2939
YIQ	122.0630, 83.9460, 20.5060

# Conversions

## Conversions Part 2

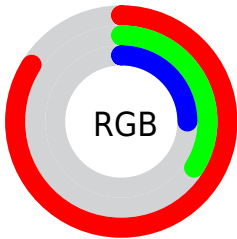
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">215, 90, 64</a>
Decimal	<a href="#">14112320</a>
<a href="#">CIELab</a>	<a href="#">53.46, 49.43, 38.54</a>
<a href="#">CIElCh</a>	<a href="#">53, 62.676, 37.942</a>
<a href="#">Yxy</a>	<a href="#">21.4728, 0.5288, 0.3518</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4292302400 (0xFFD75640)</a>
<a href="#">YUV</a>	<a href="#">122.0630, -28.6251, 81.5057</a>
<a href="#">Hunter-Lab</a>	<a href="#">46.3388, 43.2423, 23.1046</a>

# Details

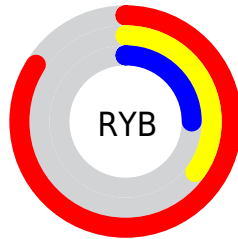
The Hex color **D75640** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **40C1D7**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF8C71**, and **991D13** is the 20% darker color. If you saturate the color by 10%, you get **D7442A**, and if you desaturate by 10%, it is **D76856**.

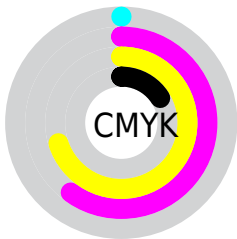
# Distribution



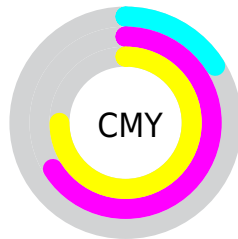
- Red (84%)
- Green (34%)
- Blue (25%)



- Red (84%)
- Yellow (35%)
- Blue (25%)



- Cyan (0%)
- Magenta (60%)
- Yellow (70%)
- Black (16%)



- Cyan (16%)
- Magenta (66%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D75640 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 D75640 by changing the saturation by 10% instead.



 D75640

 D75640

FFFFFF

 B83B29

 FF8C71

 991D13

 FFA88A

 7B0000

 FFC4A5

 5D0000

 FFE1C0

 410001

 FFFEDC

 230001

 FFFFF9

 000000

 D75640

 D75640

 D7442A

 D76856

 D73115

 D77B6B

 D71F00

 D78D81

 D79F96

 D7B2AC

 D7C4C1

 D7D7D7

 D7E9EC

 D7FBFF

# Harmonies

## Analogous

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



DF4774



D75640



B96E0E

# Triad

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



D75640



009655



0081EB

# Complementary

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



D75640



40C1D7

# 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.



0090E4



D75640



00988D

# Square

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



D75640



528F1F



0097C1



936BD6

# Rectangle

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



D75640



9C7C00



0097C1



0087EC



# Sweetspot

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



D75640



FFD1C9



D740C3



806460



000000



808080



# Same Dimension

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



D75640



FF4829



D7A040



6B6260



AB1900



2B0600

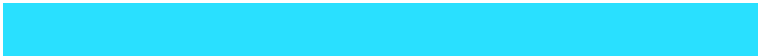


# Inverse Universe

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



40C1D7



29E0FF



4077D7



606A6B



0092AB

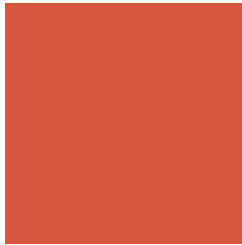


00252B



# Previews

## White Background



This preview shows how the Hex color D75640 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 D75640 Background



This preview shows how black text looks on a background with the Hex color D75640.



This preview shows how white text looks on a background with the Hex color D75640.

# 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**  
D75640

**Protanopia**  
8C804E

**Deuteranopia**  
9F7A39



# Trichromacy



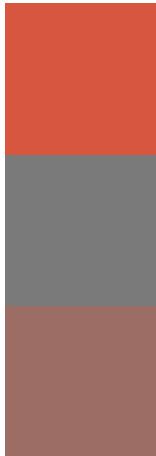
**Original Color**  
D75640

**Protanomaly**  
A77149

**Deuteranomaly**  
B36D3C

**Tritanomaly**  
D8544F

# Monochromacy



**Original Color**  
D75640

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
9C6D65

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D75640 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 #D75640 looks like.

```
.text, #text, p{  
    color:#D75640  
}
```

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 #D75640 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D75640
}
```

## Border

The CSS property to change the border of an element to Hex D75640 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
#D75640 }
```

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

```
.border{ border-color:#D75640 }
```

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

Here you see how a box with a 4 pixel #D75640 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D75640; -webkit-box-shadow:4px 4px  
4px 4px #D75640; box-shadow:4px 4px 4px  
4px #D75640 }
```

# Background

The CSS property to change the background color of an element to Hex D75640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D75640 }
```

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

```
.background{ background-color:#D75640 }
```

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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