

Converting Colors

Hex(D75134)

Have a look what the booklet for
Hex(D75134) contains.

Hex(D75134)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D75134)

Conversions

Conversions Part 1

Format	Color
Hex	D75134
RGB	215, 81, 52
RGB Percent	84%, 32%, 20%
CMY	0.1569, 0.6824, 0.7961
CMYK	0.00, 0.62, 0.76, 0.16
HSL	11°, 67%, 52%
HSV	11°, 76%, 84%
XYZ	31.5866, 20.5799, 5.5563
YIQ	117.7600, 89.1730, 19.3890

Conversions

Conversions Part 2

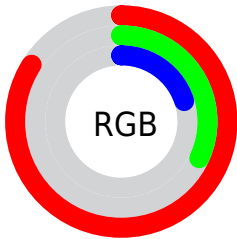
Format	Color
RYB	215, 87, 52
Decimal	14111028
CIELab	52.49, 51.13, 43.90
CIELCh	52, 67.389, 40.647
Yxy	20.5799, 0.5472, 0.3565
Android (android.graphics.Color)	4292301108 (0xFFD75134)
YUV	117.7600, -32.4197, 85.2795
Hunter-Lab	45.3650, 44.8965, 24.4937

Details

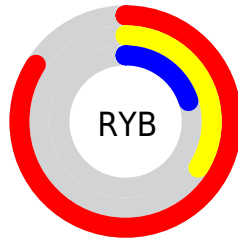
The Hex color **D75134** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **34BAD7**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF8764**, and **991505** is the 20% darker color. If you saturate the color by 10%, you get **D73F1E**, and if you desaturate by 10%, it is **D7634A**.

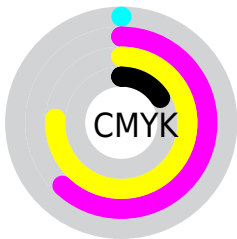
Distribution



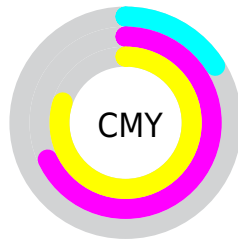
- Red (84%)
- Green (32%)
- Blue (20%)



- Red (84%)
- Yellow (34%)
- Blue (20%)



- Cyan (0%)
- Magenta (62%)
- Yellow (76%)
- Black (16%)



- Cyan (16%)
- Magenta (68%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color D75134 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 D75134 by changing the saturation by 10% instead.

 D75134

 D75134

FFFFFF

 B8351D

 FF8764

 991505

 FFA37E

 7A0000

 FFBF98

 5C0000

 FFDCB3

 400001

 FFF9CF

 210001

 FFFFEB

 000000

 D75134

 D75134

 D73F1E

 D7634A

 D72E09

 D7745F

 D72600

 D78675

 D7988A

 D7A9A0

 D7BBB5

 D7CDCB

 D7DEE0

 D7F0F6

Harmonies

Analogous

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



E33C6B



D75134



B56C00

Triad

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



D75134



009554



007EF0

Complementary

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



D75134



34BAD7

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.



008EEB



D75134



009791

Square

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



D75134



428E16



0096C8



9864D6

Rectangle

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



D75134



967B00



0096C8



0084F2

Sweetspot

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



D75134



FFCFC4



D734BC



80625C



000000



808080

Same Dimension

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



D75134



FF4017



D7A134



6B6260



AB1E00



2B0800

Inverse Universe

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



34BAD7



17D6FF



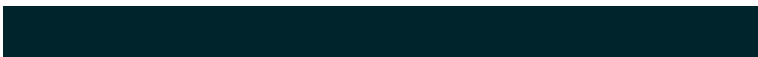
346AD7



60696B



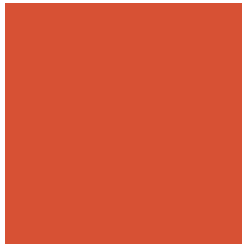
008CAB



00242B

Previews

White Background



This preview shows how the Hex color D75134 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 D75134 Background



This preview shows how black text looks on a background with the Hex color D75134.



This preview shows how white text looks on a background with the Hex color D75134.

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
D75134

Protanopia
8B7E42

Deuteranopia
9D772B



Tritanopia
D84D52

Trichromacy



Original Color
D75134

Protanomaly
A76E3D

Deuteranomaly
B2692E

Tritanomaly
D84E47

Monochromacy



Original Color
D75134

Achromatopsia
767676

Achromatomaly
99695E

CSS Examples

Text

The CSS property to change the color of the text to Hex D75134 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 #D75134 looks like.

```
.text, #text, p{  
    color:#D75134  
}
```

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 #D75134 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D75134
}
```

Border

The CSS property to change the border of an element to Hex D75134 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
#D75134 }
```

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

```
.border{ border-color:#D75134 }
```

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

Here you see how a box with a 4 pixel #D75134 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D75134; -webkit-box-shadow:4px 4px  
4px 4px #D75134; box-shadow:4px 4px 4px  
4px #D75134 }
```

Background

The CSS property to change the background color of an element to Hex D75134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D75134 }
```

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

```
.background{ background-color:#D75134 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor