

# Converting Colors

Hex(D65442)

Have a look what the booklet for  
Hex(D65442) contains.

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**Color**

**Hex(D65442)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D65442
RGB	214, 84, 66
RGB Percent	84%, 33%, 26%
CMY	0.1608, 0.6706, 0.7412
CMYK	0.00, 0.61, 0.69, 0.16
HSL	7°, 64%, 55%
HSV	7°, 69%, 84%
XYZ	31.8852, 21.0301, 7.5329
YIQ	120.8180, 83.2580, 21.9620

# Conversions

## Conversions Part 2

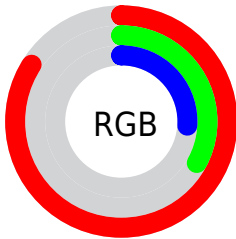
Format	Color
R <sub>Y</sub> B	214, 86, 66
Decimal	14046274
CIE Lab	52.98, 50.08, 36.83
CIE LCh	53, 62.166, 36.332
Yxy	21.0301, 0.5275, 0.3479
Android (android.graphics.Color)	4292236354 (0xFFD65442)
YUV	120.8180, -27.0253, 81.7206
Hunter-Lab	45.8586, 43.8575, 22.3618

# Details

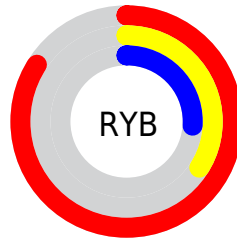
The Hex color **D65442** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **42C4D6**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF8A73**, and **981A15** is the 20% darker color. If you saturate the color by 10%, you get **D6412D**, and if you desaturate by 10%, it is **D66757**.

# Distribution



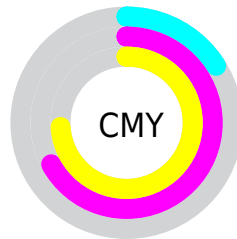
- Red (84%)
- Green (33%)
- Blue (26%)



- Red (84%)
- Yellow (34%)
- Blue (26%)



- Cyan (0%)
- Magenta (61%)
- Yellow (69%)
- Black (16%)



- Cyan (16%)
- Magenta (67%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D65442 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 D65442 by changing the saturation by 10% instead.



 D65442

 D65442

FFFFFF

 B7392B

 FF8A73

 981A15

 FFA68C

 7B0000

 FFC2A7

 5C0000

 FFDFC2

 400001

 FFFCDE

 220001

 FFFFFB

 000000

 D65442

 D65442

 D6412D

 D66757

 D62E17

 D67A6D

 D61C02

 D68C82

 D61A00

 D69F98

 D6B2AD

 D6C5C2

 D6D8D8

 D6EAED

 D6FDFD

# Harmonies

## Analogous

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



DD4675



D65442



B96C11

# Triad

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



D65442



009451



0081E9

# Complementary

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



D65442



42C4D6

# 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.



008FE0



D65442



009789

# Square

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



D65442



558D1C



0096BD



8E6BD5

# Rectangle

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



D65442



9D7A00



0096BD



0087EA



# Sweetspot

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



D65442



FFD0C9



D642C5



806460



000000



808080



# Same Dimension

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



D65442



FF452B



D69D42



6B6260



AB1500



2B0500

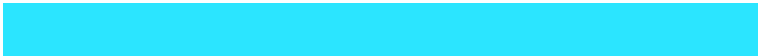


# Inverse Universe

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



42C4D6



2BE5FF



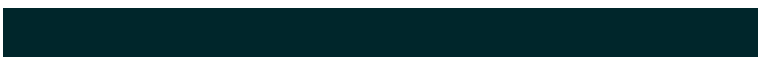
427BD6



606A6B



0096AB

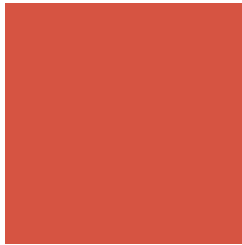


00262B



# Previews

## White Background



This preview shows how the Hex color D65442 looks on a white background.

## Color Contrast Check

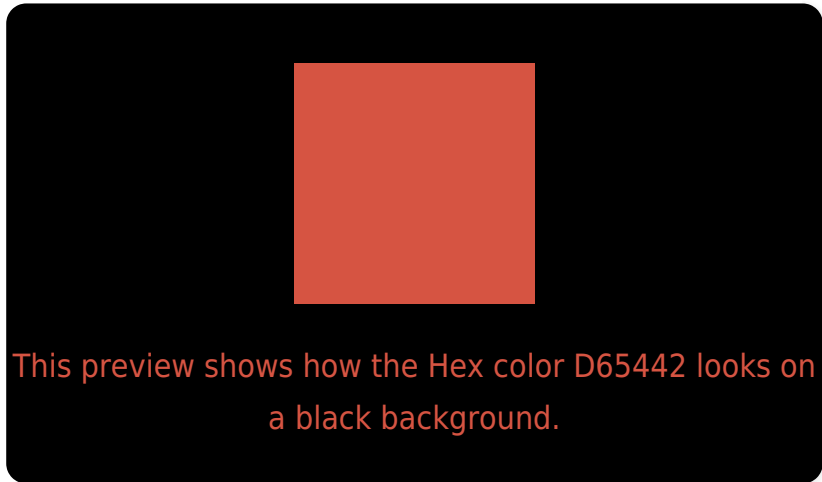
Large Text (above 18pt) WCAG AA ✓ Pass

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 D65442 Background



This preview shows how black text looks on a background with the Hex color D65442.

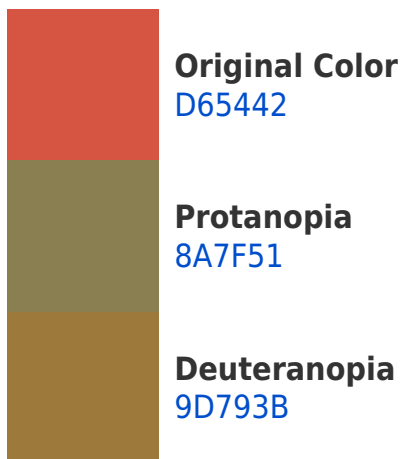



This preview shows how white text looks on a background with the Hex color D65442.

# 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**  
D75156

# Trichromacy



**Original Color**  
D65442

**Protanomaly**  
A66F4C

**Deuteranomaly**  
B26C3E

**Tritanomaly**  
D7524F

# Monochromacy



**Original Color**  
D65442

**Achromatopsia**  
797979

**Achromatomaly**  
9B6C65

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D65442 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 #D65442 looks like.

```
.text, #text, p{  
    color:#D65442  
}
```

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 #D65442 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D65442
}
```

## Border

The CSS property to change the border of an element to Hex D65442 is called "border". The border property can be set on classes, ids or directly on the HTML element.

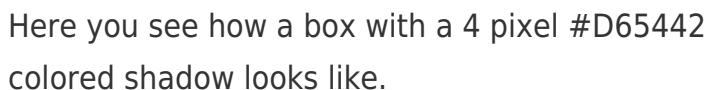
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D65442 }
```

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

```
.border{ border-color:#D65442 }
```

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



Here you see how a box with a 4 pixel #D65442 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D65442; -webkit-box-shadow:4px 4px  
4px 4px #D65442; box-shadow:4px 4px 4px  
4px #D65442 }
```

# Background

The CSS property to change the background color of an element to Hex D65442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D65442 }
```

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

```
.background{ background-color:#D65442 }
```

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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