

# Converting Colors

Hex(D65A44)

Have a look what the booklet for  
Hex(D65A44) contains.

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# Color

**Hex(D65A44)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D65A44
RGB	214, 90, 68
RGB Percent	84%, 35%, 27%
CMY	0.1608, 0.6471, 0.7333
CMYK	0.00, 0.58, 0.68, 0.16
HSL	9°, 64%, 55%
HSV	9°, 68%, 84%
XYZ	32.4311, 22.0258, 8.0109
YIQ	124.5680, 80.9660, 19.4460

# Conversions

## Conversions Part 2

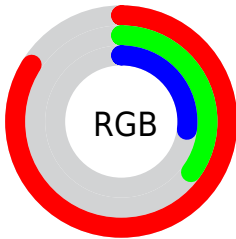
Format	Color
R <sub>Y</sub> B	214, 94, 68
Decimal	14047812
CIE Lab	54.05, 47.43, 36.98
CIE LCh	54, 60.143, 37.940
Yxy	22.0258, 0.5192, 0.3526
Android (android.graphics.Color)	4292237892 (0xFFD65A44)
YUV	124.5680, -27.8880, 78.4319
Hunter-Lab	46.9317, 41.2181, 22.7317

# Details

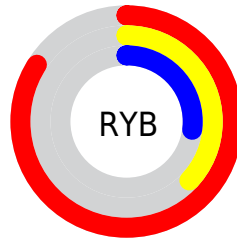
The Hex color **D65A44** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **44C0D6**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF9075**, and **992317** is the 20% darker color. If you saturate the color by 10%, you get **D6482F**, and if you desaturate by 10%, it is **D66C59**.

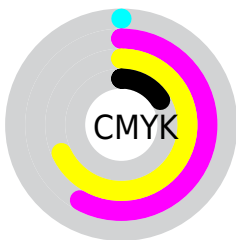
# Distribution



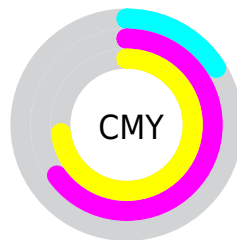
- Red (84%)
- Green (35%)
- Blue (27%)



- Red (84%)
- Yellow (37%)
- Blue (27%)



- Cyan (0%)
- Magenta (58%)
- Yellow (68%)
- Black (16%)



- Cyan (16%)
- Magenta (65%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D65A44 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 D65A44 by changing the saturation by 10% instead.



 D65A44

 D65A44

FFFFFF

 B73F2D

 FF9075

 992317

 FFAB8F

 7B0000

 FFC8A9

 5D0000

 FFE4C5

 410000

 FFFFE1

 240001

FFFFFFE

 000000

 D65A44

 D65A44

 D6482F

 D66C59

 D63619

 D67E6F

 D62304

 D69184

 D62000

 D6A39A

 D6B5AF

 D6C7C4

 D6D9DA

 D6EBEF

 D6FEFF

# Harmonies

## Analogous

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



DE4C76



D65A44



B97018

# Triad

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



D65A44



009758



0083E9

# Complementary

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



D65A44



44C0D6

# 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.



0091E1



D65A44



00998E

# Square

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



D65A44



569026



0098C0



946DD4

# Rectangle

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



D65A44



9D7E00



0098C0



0088E9

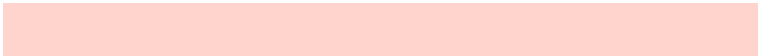


# Sweetspot

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



D65A44



FFD4CC



D644C0



806661



000000



808080



# Same Dimension

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



D65A44



FF4D2E



D6A344



6B6260



AB1A00



2B0700

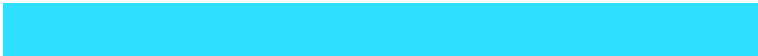


# Inverse Universe

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



44C0D6



2EDFFF



4477D6



60696B



0091AB

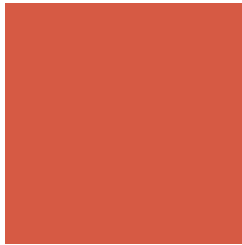


00252B



# Previews

## White Background



This preview shows how the Hex color D65A44 looks on a white background.

## Color Contrast Check

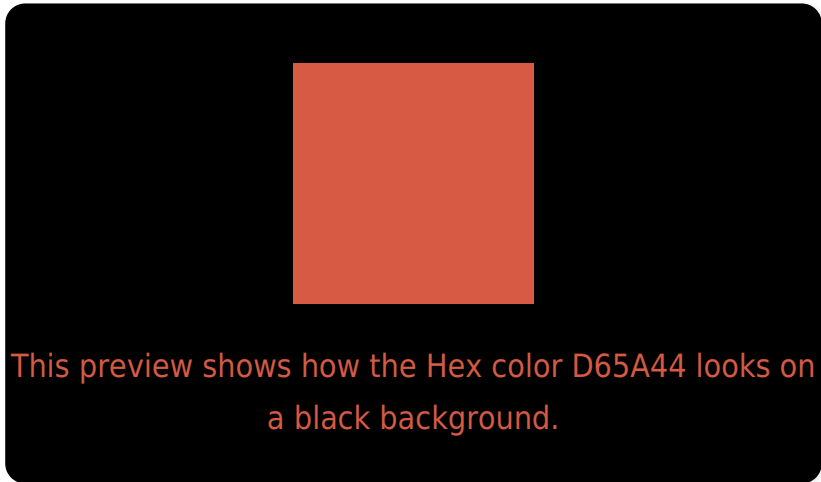
Large Text (above 18pt) WCAG AA ✓ Pass

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 D65A44 Background



This preview shows how black text looks on a background with the Hex color D65A44.



This preview shows how white text looks on a background with the Hex color D65A44.

# 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**  
D65A44

**Protanopia**  
8D8252

**Deuteranopia**  
A07C3D



**Tritanopia**  
D7575C

# Trichromacy



**Original Color**  
D65A44

**Protanomaly**  
A8734D

**Deuteranomaly**  
B47040

**Tritanomaly**  
D75853

# Monochromacy



**Original Color**  
D65A44

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
9D7068

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D65A44 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 #D65A44 looks like.

```
.text, #text, p{  
    color:#D65A44  
}
```

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 #D65A44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D65A44
}
```

## Border

The CSS property to change the border of an element to Hex D65A44 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
#D65A44 }
```

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

```
.border{ border-color:#D65A44 }
```

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

Here you see how a box with a 4 pixel #D65A44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D65A44; -webkit-box-shadow:4px 4px  
4px 4px #D65A44; box-shadow:4px 4px 4px  
4px #D65A44 }
```

# Background

The CSS property to change the background color of an element to Hex D65A44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D65A44 }
```

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

```
.background{ background-color:#D65A44 }
```

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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