

# Converting Colors

Hex(D65172)

Have a look what the booklet for  
Hex(D65172) contains.

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**Color**

**Hex(D65172)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D65172
RGB	214, 81, 114
RGB Percent	84%, 32%, 45%
CMY	0.1608, 0.6824, 0.5529
CMYK	0.00, 0.62, 0.47, 0.16
HSL	345°, 62%, 58%
HSV	345°, 62%, 84%
XYZ	33.7112, 21.3959, 18.2726
YIQ	124.5290, 68.6750, 38.4590

# Conversions

## Conversions Part 2

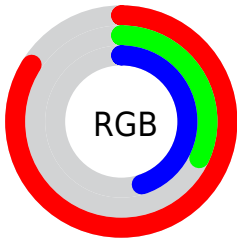
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	214, 81, 114
Decimal	14045554
CIELab	53.38, 54.88, 9.30
CIElCh	53, 55.659, 9.622
Yxy	21.3959, 0.4594, 0.2916
Android (android.graphics.Color)	4292235634 (0xFFD65172)
YUV	124.5290, -5.1908, 78.4661
Hunter-Lab	46.2557, 49.1436, 8.9574

# Details

The Hex color **D65172** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **51D6B5**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF88A6**, and **9A1142** is the 20% darker color. If you saturate the color by 10%, you get **D63C62**, and if you desaturate by 10%, it is **D66682**.

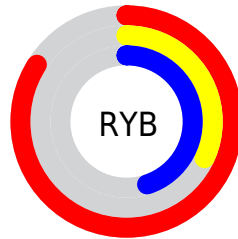
# Distribution



Red (84%)

Green (32%)

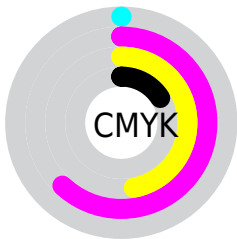
Blue (45%)



Red (84%)

Yellow (32%)

Blue (45%)

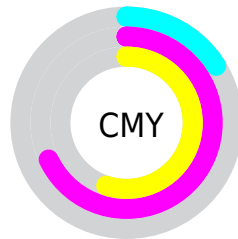


Cyan (0%)

Magenta (62%)

Yellow (47%)

Black (16%)



Cyan (16%)

Magenta (68%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D65172 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 D65172 by changing the saturation by 10% instead.



 D65172

 D65172

FFFFFF

 B8345A

 FF88A6

 9A1142

 FFA4C1

 7D002D

 FFC1DD

 600018

 FFDEF9

 450001

 FFFBFF

 280001

 000000

 D65172

 D65172

 D63C62

 D66682

 D62652

 D67C92

 D61142

 D691A2

 D60035

 D6A7B2

 D6BCC2

 D6D1D3

 D6E7E3

 D6FCF3

 D6FFFF

# Harmonies

## Analogous

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



C558A2



D65172



CE5D45

# Triad

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



D65172



558E30



008ED9

# Complementary

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



D65172



51D6B5

# 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.



0095BC



D65172



00945C

# Square

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



D65172



898211



00968E



3380DE

# Rectangle

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



D65172



BD6A2B



00968E



0091D2



# Sweetspot

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



D65172



FFCFDB



B551D6



806269



000000



808080



# Same Dimension

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



D65172



FF406F



D67251



6B6063



AB002A



2B000B



# Inverse Universe

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



D65172



FF406F



51B5D6



6B6063



AB002A

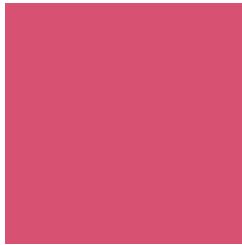


2B000B



# Previews

## White Background



This preview shows how the Hex color D65172 looks on a white background.

## Color Contrast Check

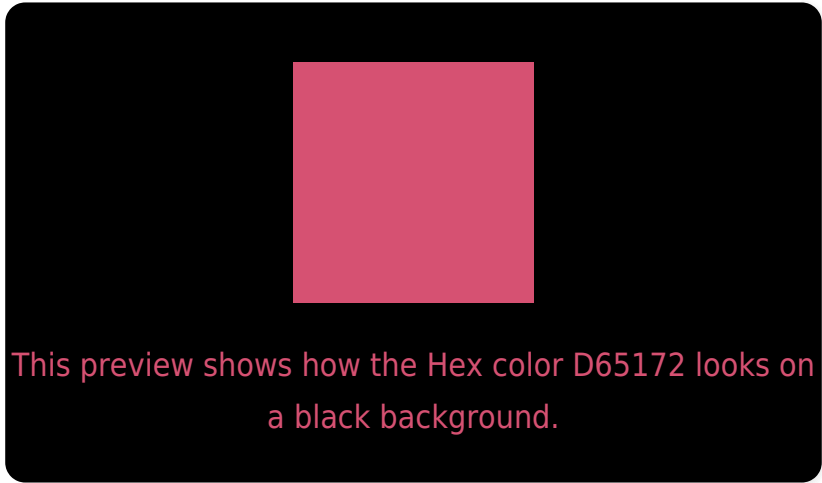
Large Text (above 18pt) WCAG AA ✓ Pass

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 D65172 Background



This preview shows how black text looks on a background with the Hex color D65172.



This preview shows how white text looks on a background with the Hex color D65172.

# 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**  
D65172

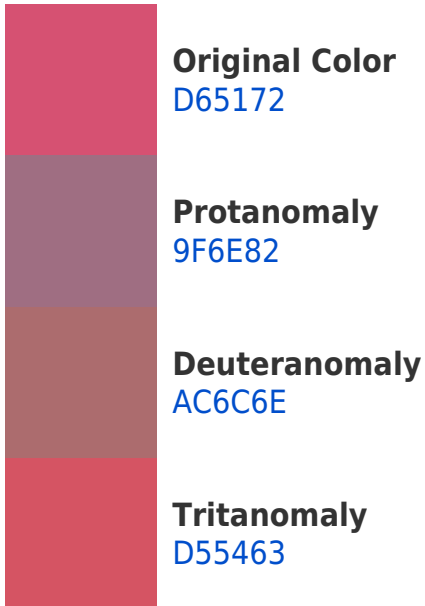
**Protanopia**  
7F7F8B

**Deuteranopia**  
947B6C



**Tritanopia**  
D5555B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D65172 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 #D65172 looks like.

```
.text, #text, p{  
    color:#D65172  
}
```

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 #D65172 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D65172
}
```

## Border

The CSS property to change the border of an element to Hex D65172 is called "border". The border property can be set on classes, ids or directly on the HTML element.

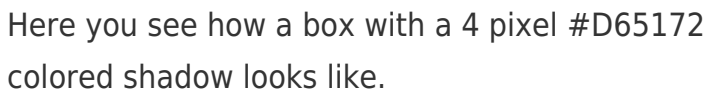
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D65172 }
```

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

```
.border{ border-color:#D65172 }
```

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



Here you see how a box with a 4 pixel #D65172 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D65172; -webkit-box-shadow:4px 4px  
4px 4px #D65172; box-shadow:4px 4px 4px  
4px #D65172 }
```

# Background

The CSS property to change the background color of an element to Hex D65172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D65172 }
```

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

```
.background{ background-color:#D65172 }
```

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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