

Converting Colors

Hex(D658E2)

Have a look what the booklet for
Hex(D658E2) contains.

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Color

Hex(D658E2)

Conversions

Conversions Part 1

Format	Color
Hex	D658E2
RGB	214, 88, 226
RGB Percent	84%, 35%, 89%
CMY	0.1608, 0.6549, 0.1137
CMYK	0.05, 0.61, 0.00, 0.11
HSL	295°, 70%, 62%
HSV	295°, 61%, 89%
XYZ	44.9487, 26.7666, 74.7489
YIQ	141.4060, 30.7980, 69.6300

Conversions

Conversions Part 2

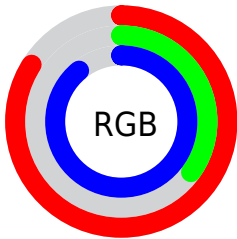
Format	Color
RYB	214, 88, 226
Decimal	14047458
CIELab	58.76, 67.32, -47.54
CIELCh	59, 82.413, 324.771
Yxy	26.7666, 0.3069, 0.1828
Android (android.graphics.Color)	4292237538 (0xFFD658E2)
YUV	141.4060, 41.7048, 63.6649
Hunter-Lab	51.7364, 64.5425, -49.4468

Details

The Hex color **D658E2** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **64E258**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FF91FF**, and **9C16AA** is the 20% darker color. If you saturate the color by 10%, you get **D441E2**, and if you desaturate by 10%, it is **D86FE2**.

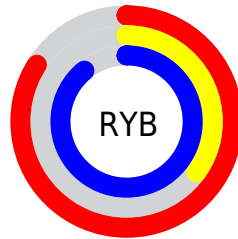
Distribution



Red (84%)

Green (35%)

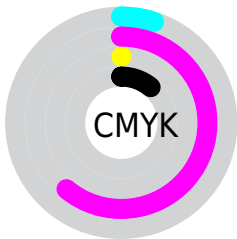
Blue (89%)



Red (84%)

Yellow (35%)

Blue (89%)

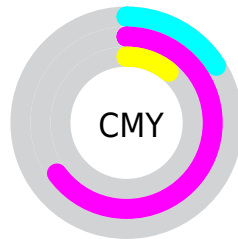


Cyan (5%)

Magenta (61%)

Yellow (0%)

Black (11%)



Cyan (16%)

Magenta (65%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color D658E2 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 D658E2 by changing the saturation by 10% instead.

 D658E2

 D658E2

FFFFFF

 B93AC6

 FF91FF

 9C16AA

 FFADFF

 80008F

 FFCAFF

 640075

 FFE8FF

 48005C

 2F0043

 0A002C

 000116

 000000

 D658E2

 D658E2

 D441E2

 D86FE2

 D22BE2

 DA85E2

 D014E2

 DC9CE2

 CE00E2

 DEB2E2

 E0C9E2

 E2E0E2

 E4F6E2

 E6FFE2

 E8FFE2

Harmonies

Analogous

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



6680FF



D658E2



FF309D

Triad

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



D658E2



B68600



00ACC8

Complementary

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



D658E2



64E258

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.



00AC7E



D658E2



719B00

Square

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



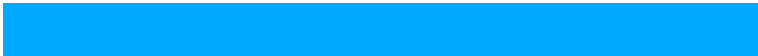
D658E2



E96501



00A630



00A8FF

Rectangle

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



D658E2



FF316D



00A630



00ADB0

Sweetspot

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



D658E2



FBD1FF



5866E2



7D6380



000000



808080

Same Dimension

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



D658E2



EF45FF



E258AB



6F6570



A100B0



2C0030

Inverse Universe

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



E25864



FF4555



58E28F



706566



B0000F



300004

Previews

White Background



This preview shows how the Hex color D658E2 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

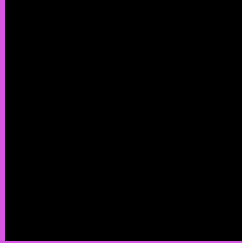
Any Text WCAG AA ✓ Pass

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 D658E2 Background



This preview shows how black text looks on a background with the Hex color D658E2.

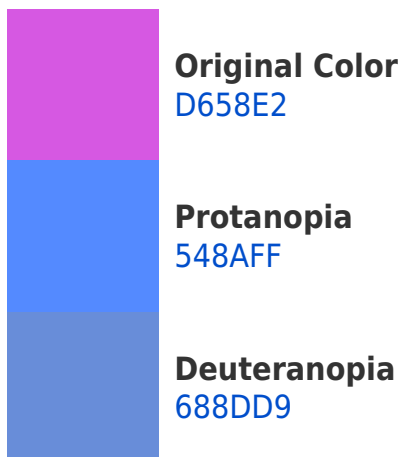


This preview shows how white text looks on a background with the Hex color D658E2.

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
C9757D

Trichromacy



Original Color
D658E2



Protanomaly
8378F4



Deuteranomaly
907ADC



Tritanomaly
CE6AA2

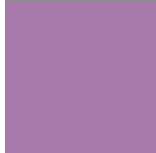
Monochromacy



Original Color
D658E2



Achromatopsia
8D8D8D



Achromatomaly
A87AAC

CSS Examples

Text

The CSS property to change the color of the text to Hex D658E2 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 #D658E2 looks like.

```
.text, #text, p{  
    color:#D658E2  
}
```

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 #D658E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D658E2
}
```

Border

The CSS property to change the border of an element to Hex D658E2 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
#D658E2 }
```

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

```
.border{ border-color:#D658E2 }
```

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

Here you see how a box with a 4 pixel #D658E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D658E2; -webkit-box-shadow:4px 4px  
4px 4px #D658E2; box-shadow:4px 4px 4px  
4px #D658E2 }
```

Background

The CSS property to change the background color of an element to Hex D658E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D658E2 }
```

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

```
.background{ background-color:#D658E2 }
```

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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