

Converting Colors

Hex(DD458E)

Have a look what the booklet for
Hex(DD458E) contains.

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Color

Hex(DD458E)

Conversions

Conversions Part 1

Format	Color
Hex	DD458E
RGB	221, 69, 142
RGB Percent	87%, 27%, 56%
CMY	0.1333, 0.7294, 0.4431
CMYK	0.00, 0.69, 0.36, 0.13
HSL	331°, 69%, 57%
HSV	331°, 69%, 87%
XYZ	36.8294, 21.5814, 27.8157
YIQ	122.7700, 67.1590, 54.9270

Conversions

Conversions Part 2

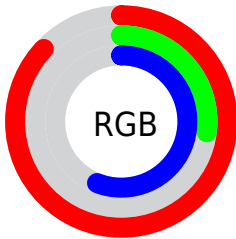
Format	Color
R_{YB}	221, 69, 142
Decimal	14501262
CIE _{Lab}	53.58, 64.61, -6.94
CIE _{LCh}	54, 64.978, 353.871
Yxy	21.5814, 0.4271, 0.2503
Android (android.graphics.Color)	4292691342 (0xFFDD458E)
YUV	122.7700, 9.4804, 86.1477
Hunter-Lab	46.4558, 60.2144, -2.9812

Details

The Hex color **DD458E** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **45DD94**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF7FC4**, and **A1005C** is the 20% darker color. If you saturate the color by 10%, you get **DD2F83**, and if you desaturate by 10%, it is **DD5B99**.

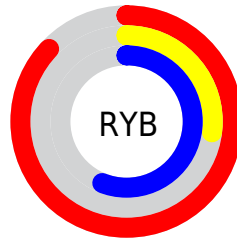
Distribution



Red (87%)

Green (27%)

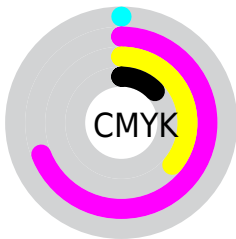
Blue (56%)



Red (87%)

Yellow (27%)

Blue (56%)

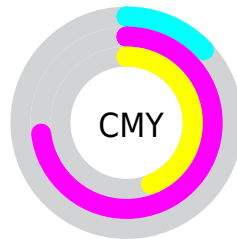


Cyan (0%)

Magenta (69%)

Yellow (36%)

Black (13%)



Cyan (13%)

Magenta (73%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD458E 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 DD458E by changing the saturation by 10% instead.

 DD458E

 DD458E

FFFFFF

 BF2374

 FF7FC4

 A1005C

 FF9CE0

 840044

 FFB9FC

 67002E

 FFD6FF

 4B001A

 FFF4FF

 300002

 000000

 DD458E

 DD458E

 DD2F83

 DD5B99

 DD1977

 DD71A5

 DD036C

 DD87B0

 DD006A

 DD9DBC

 DDB3C7

 DDCAD3

 DDE0DE

 DDF6EA

 DDFFF5

Harmonies

Analogous

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



B85BC3



DD458E



E14A56

Triad

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



DD458E



6F8A00



0095DA

Complementary

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



DD458E



45DD94

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.



0099AC



DD458E



0E9439

Square

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



DD458E



A37A00



009972



008AF0

Rectangle

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



DD458E



D55934



009972



0097CD

Sweetspot

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



DD458E



FFC9E3



9445DD



80606F



000000



808080

Same Dimension

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



DD458E



FF2B91



DD4845



6E6368



AD0053



2E0016

Inverse Universe

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



DD458E



FF2B91



45DADD



6E6368



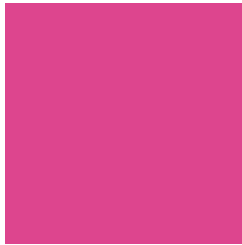
AD0053



2E0016

Previews

White Background



This preview shows how the Hex color DD458E looks on a white background.

Color Contrast Check

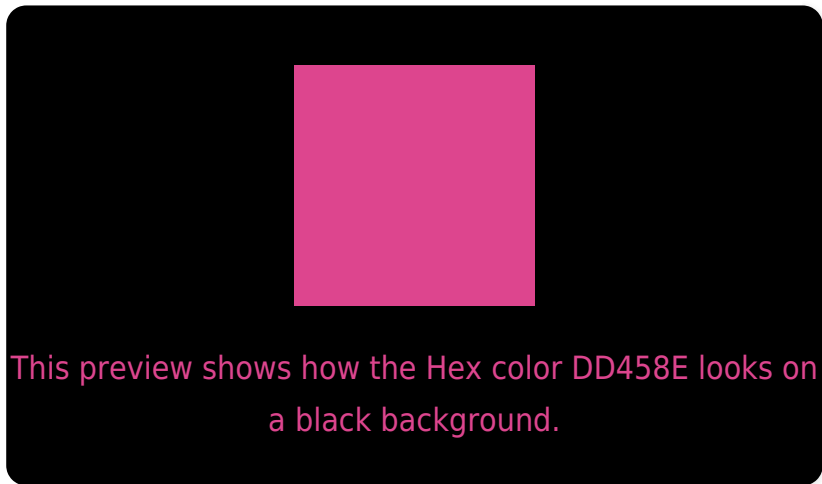
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD458E Background



This preview shows how black text looks on a background with the Hex color DD458E.



This preview shows how white text looks on a background with the Hex color DD458E.

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
DD458E

Protanopia
707FB4

Deuteranopia
8A7D86



Tritanopia
D95258

Trichromacy



Original Color
DD458E



Protanomaly
986AA6



Deuteranomaly
A86989

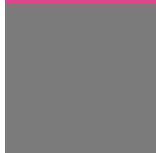


Tritanomaly
DA4D6C

Monochromacy



Original Color
DD458E



Achromatopsia
7B7B7B



Achromatomaly
9F6782

CSS Examples

Text

The CSS property to change the color of the text to Hex DD458E 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 #DD458E looks like.

```
.text, #text, p{  
  color:#DD458E  
}
```

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 #DD458E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD458E
}
```

Border

The CSS property to change the border of an element to Hex DD458E 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
#DD458E }
```

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

```
.border{ border-color:#DD458E }
```

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

Here you see how a box with a 4 pixel #DD458E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD458E; -webkit-box-shadow:4px 4px  
4px 4px #DD458E; box-shadow:4px 4px 4px  
4px #DD458E }
```

Background

The CSS property to change the background color of an element to Hex DD458E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD458E }
```

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

```
.background{ background-color:#DD458E }
```

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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