

Converting Colors

Hex(DC45A4)

Have a look what the booklet for
Hex(DC45A4) contains.

Hex(DC45A4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DC45A4)

Conversions

Conversions Part 1

Format	Color
Hex	DC45A4
RGB	220, 69, 164
RGB Percent	86%, 27%, 64%
CMY	0.1373, 0.7294, 0.3569
CMYK	0.00, 0.69, 0.25, 0.14
HSL	322°, 68%, 57%
HSV	322°, 69%, 86%
XYZ	38.3442, 22.1522, 37.3768
YIQ	124.9790, 59.5010, 61.5570

Conversions

Conversions Part 2

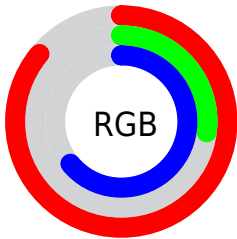
Format	Color
R _{YB}	220, 69, 164
Decimal	14435748
CIE Lab	54.19, 66.92, -19.02
CIE LCh	54, 69.567, 344.130
Yxy	22.1522, 0.3918, 0.2263
Android (android.graphics.Color)	4292625828 (0xFFDC45A4)
YUV	124.9790, 19.2374, 83.3334
Hunter-Lab	47.0661, 63.0558, -14.1379

Details

The Hex color **DC45A4** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **45DC7D**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF80DB**, and **A10070** is the 20% darker color. If you saturate the color by 10%, you get **DC2F9C**, and if you desaturate by 10%, it is **DC5BAC**.

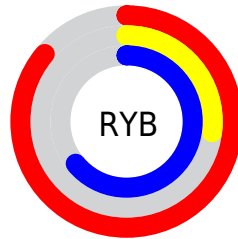
Distribution



Red (86%)

Green (27%)

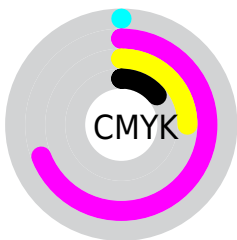
Blue (64%)



Red (86%)

Yellow (27%)

Blue (64%)

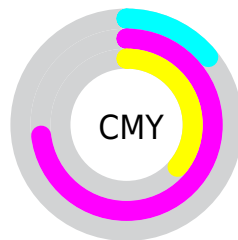


Cyan (0%)

Magenta (69%)

Yellow (25%)

Black (14%)



Cyan (14%)

Magenta (73%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC45A4 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 DC45A4 by changing the saturation by 10% instead.

 DC45A4

 DC45A4

FFFFFF

 BE238A

 FF80DB

 A10070

 FF9CF8

 840058

 FFB9FF

 680040

 FFD7FF

 4C002A

 FFF4FF

 310014

 000000

 DC45A4

 DC45A4

 DC2F9C

 DC5BAC

 DC1994

 DC71B4

 DC038C

 DC87BC

 DC008A

 DC9DC5

 DCB3CD

 DCC9D5

 DCDFDD

 DCF5E5

 DCFFED

Harmonies

Analogous

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



A763D9



DC45A4



EB3E68

Triad

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



DC45A4



828800



009AD4

Complementary

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



DC45A4



45DC7D

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.



009C9D



DC45A4



38941F

Square

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



DC45A4



B67300



009A5E



0091F6

Rectangle

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



DC45A4



E44D42



009A5E



009CC4

Sweetspot

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



DC45A4



FFC9EB



7C45DC



806074



000000



808080

Same Dimension

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



DC45A4



FF2EB1



DC4559



6E636A



AD006D



2E001D

Inverse Universe

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



DC45A4



FF2EB1



45DCC8



6E636A



AD006D



2E001D

Previews

White Background



This preview shows how the Hex color DC45A4 looks on a white background.

Color Contrast Check

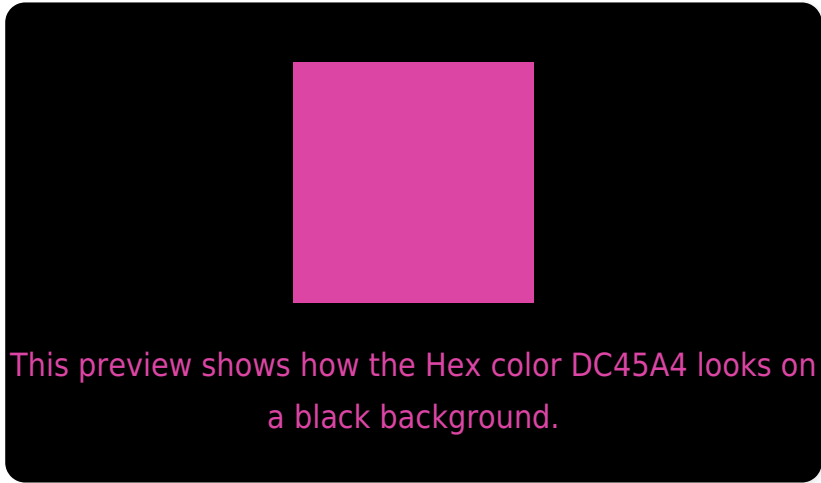
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC45A4 Background



This preview shows how black text looks on a background with the Hex color DC45A4.

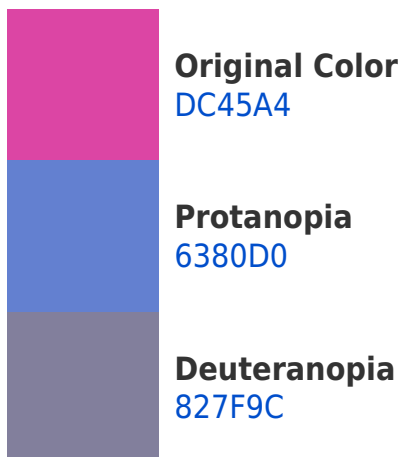


This preview shows how white text looks on a background with the Hex color DC45A4.

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
D6585E

Trichromacy



Original Color
DC45A4



Protanomaly
8F6BC0



Deuteranomaly
A36A9F



Tritanomaly
D85177

Monochromacy



Original Color
DC45A4



Achromatopsia
7D7D7D



Achromatomaly
A0698B

CSS Examples

Text

The CSS property to change the color of the text to Hex DC45A4 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 #DC45A4 looks like.

```
.text, #text, p{  
  color:#DC45A4  
}
```

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 #DC45A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC45A4
}
```

Border

The CSS property to change the border of an element to Hex DC45A4 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
#DC45A4 }
```

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

```
.border{ border-color:#DC45A4 }
```

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

Here you see how a box with a 4 pixel #DC45A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC45A4; -webkit-box-shadow:4px 4px  
4px 4px #DC45A4; box-shadow:4px 4px 4px  
4px #DC45A4 }
```

Background

The CSS property to change the background color of an element to Hex DC45A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC45A4 }
```

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

```
.background{ background-color:#DC45A4 }
```

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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