

Converting Colors

Hex(DE65A1)

Have a look what the booklet for
Hex(DE65A1) contains.

Hex(DE65A1)	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(DE65A1)

Conversions

Conversions Part 1

Format	Color
Hex	DE65A1
RGB	222, 101, 161
RGB Percent	87%, 40%, 63%
CMY	0.1294, 0.6039, 0.3686
CMYK	0.00, 0.55, 0.27, 0.13
HSL	330°, 65%, 63%
HSV	330°, 55%, 87%
XYZ	41.2109, 27.4102, 36.8368
YIQ	144.0190, 52.8560, 44.3120

Conversions

Conversions Part 2

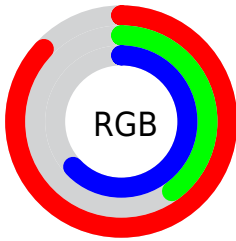
Format	Color
R _Y B	222, 101, 161
Decimal	14575009
CIE Lab	59.35, 53.64, -9.44
CIE LCh	59, 54.469, 350.017
Yxy	27.4102, 0.3908, 0.2599
Android (android.graphics.Color)	4292765089 (0xFFDE65A1)
YUV	144.0190, 8.3716, 68.3893
Hunter-Lab	52.3547, 48.8851, -5.0682

Details

The Hex color **DE65A1** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **65DEA2**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FF9CD8**, and **A42D6D** is the 20% darker color. If you saturate the color by 10%, you get **DE4F96**, and if you desaturate by 10%, it is **DE7BAC**.

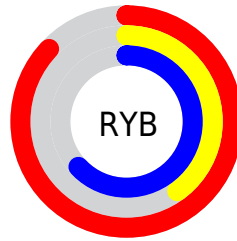
Distribution



Red (87%)

Green (40%)

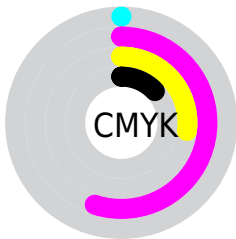
Blue (63%)



Red (87%)

Yellow (40%)

Blue (63%)

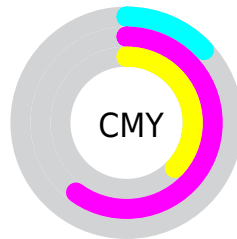


Cyan (0%)

Magenta (55%)

Yellow (27%)

Black (13%)



Cyan (13%)

Magenta (60%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE65A1 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 DE65A1 by changing the saturation by 10% instead.

 DE65A1

 DE65A1

FFFFFF

 C14A87

 FF9CD8

 A42D6D

 FFB8F4

 870755

 FFD5FF

 6B003E

 FFF2FF

 500028

 380014

 120000

 000000

 DE65A1

 DE65A1

 DE4F96

 DE7BAC

 DE398B

 DE91B7

 DE227F

 DEA8C3

 DE0C74

 DEBECE

 DE006E

 DED4D9

 DEEAE4

 DEFFEF

 DEFFFB

 DEFFFF

Harmonies

Analogous

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



B975CD



DE65A1



E66571

Triad

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



DE65A1



8A962D



00A2D7

Complementary

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



DE65A1



65DEA2

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.



00A6AE



DE65A1



50A04E

Square

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



DE65A1



B6872B



00A57D



0099ED

Rectangle

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



DE65A1



DE6E54



00A57D



00A4CB

Sweetspot

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



DE65A1



FFD6EA



A265DE



806773



000000



808080

Same Dimension

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



DE65A1



FF59AB



DE6565



70656B



B00057



300018

Inverse Universe

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



DE65A1



FF59AB



65DEDE



70656B



B00057



300018

Previews

White Background



This preview shows how the Hex color DE65A1 looks on a white background.

Color Contrast Check

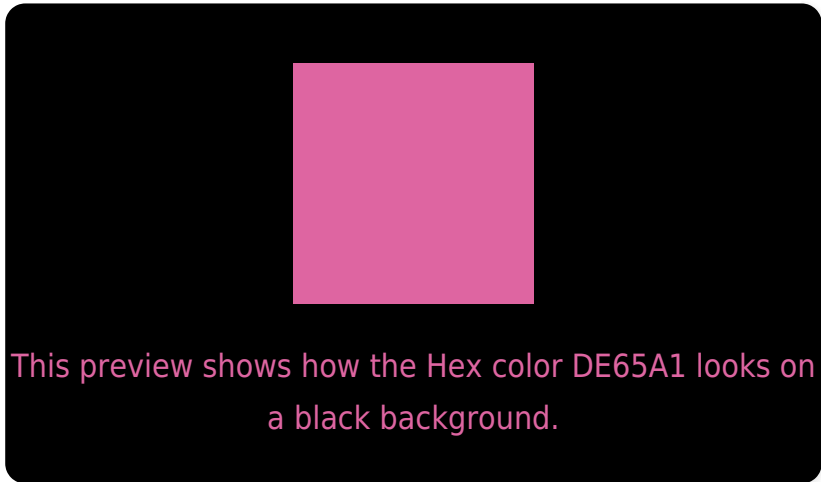
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE65A1 Background



This preview shows how black text looks on a background with the Hex color DE65A1.



This preview shows how white text looks on a background with the Hex color DE65A1.

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](#).

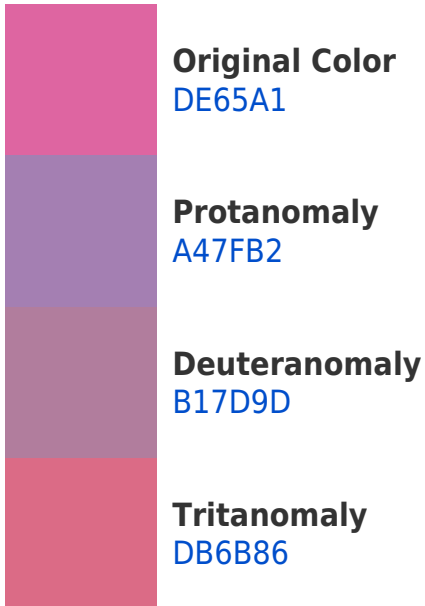
Dichromacy



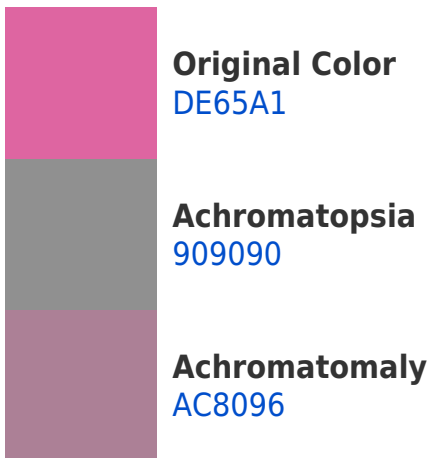


Tritanopia
DA6E76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DE65A1 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 #DE65A1 looks like.

```
.text, #text, p{  
    color:#DE65A1  
}
```

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 #DE65A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE65A1
}
```

Border

The CSS property to change the border of an element to Hex DE65A1 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
#DE65A1 }
```

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

```
.border{ border-color:#DE65A1 }
```

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

Here you see how a box with a 4 pixel #DE65A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE65A1; -webkit-box-shadow:4px 4px  
4px 4px #DE65A1; box-shadow:4px 4px 4px  
4px #DE65A1 }
```

Background

The CSS property to change the background color of an element to Hex DE65A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE65A1 }
```

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

```
.background{ background-color:#DE65A1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor