

Converting Colors

Hex(DE4580)

Have a look what the booklet for
Hex(DE4580) contains.

Hex(DE4580)	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(DE4580)

Conversions

Conversions Part 1

Format	Color
Hex	DE4580
RGB	222, 69, 128
RGB Percent	87%, 27%, 50%
CMY	0.1294, 0.7294, 0.4980
CMYK	0.00, 0.69, 0.42, 0.13
HSL	337°, 70%, 57%
HSV	337°, 69%, 87%
XYZ	36.1486, 21.3444, 22.6367
YIQ	121.4730, 72.2490, 50.7850

Conversions

Conversions Part 2

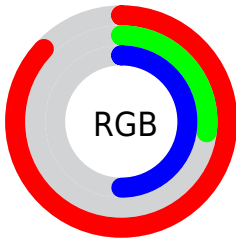
Format	Color
R_{YB}	222, 69, 128
Decimal	14566784
CIE _{Lab}	53.32, 63.45, 1.04
CIE _{LCh}	53, 63.457, 0.943
Yxy	21.3444, 0.4511, 0.2664
Android (android.graphics.Color)	4292756864 (0xFFDE4580)
YUV	121.4730, 3.2178, 88.1622
Hunter-Lab	46.1999, 58.8153, 3.2895

Details

The Hex color **DE4580** 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 **45DEA3**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF7FB5**, and **A2004F** is the 20% darker color. If you saturate the color by 10%, you get **DE2F72**, and if you desaturate by 10%, it is **DE5B8E**.

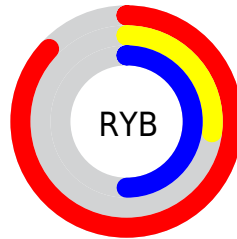
Distribution



Red (87%)

Green (27%)

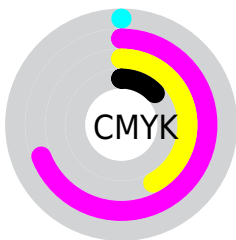
Blue (50%)



Red (87%)

Yellow (27%)

Blue (50%)

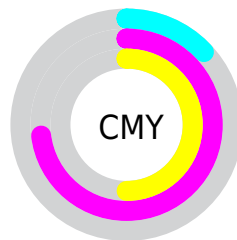


Cyan (0%)

Magenta (69%)

Yellow (42%)

Black (13%)



Cyan (13%)

Magenta (73%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE4580 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 DE4580 by changing the saturation by 10% instead.

 DE4580

 DE4580

FFFFFF

 C02467

 FF7FB5

 A2004F

 FF9CD0

 840038

 FFB8EC

 670023

 FFD6FF

 4B000D

 FFF3FF

 2E0002

 000000

 DE4580

 DE4580

 DE2F72

 DE5B8E

 DE1965

 DE719B

 DE0257

 DE88A9

 DE0056

 DE9EB7

 DEB4C4

 DECAD2

 DEE0DF

 DEF7ED

 DEFFFB

Harmonies

Analogous

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



C256B5



DE4580



DC504B

Triad

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



DE4580



608C0D



0092DF

Complementary

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



DE4580



45DEA3

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.



0098B6



DE4580



009447

Square

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



DE4580



977E00



009880



0085ED

Rectangle

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



DE4580



CC602A



009880



0095D4

Sweetspot

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



DE4580



FFC9DE



A145DE



80606C



000000



808080

Same Dimension

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



DE4580



FF2B7D



DE5445



706569



B00044



300013

Inverse Universe

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



DE4580



FF2B7D



45CFDE



706569



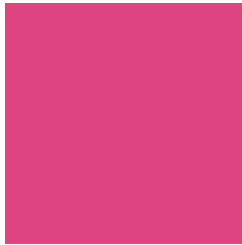
B00044



300013

Previews

White Background



This preview shows how the Hex color DE4580 looks on a white background.

Color Contrast Check

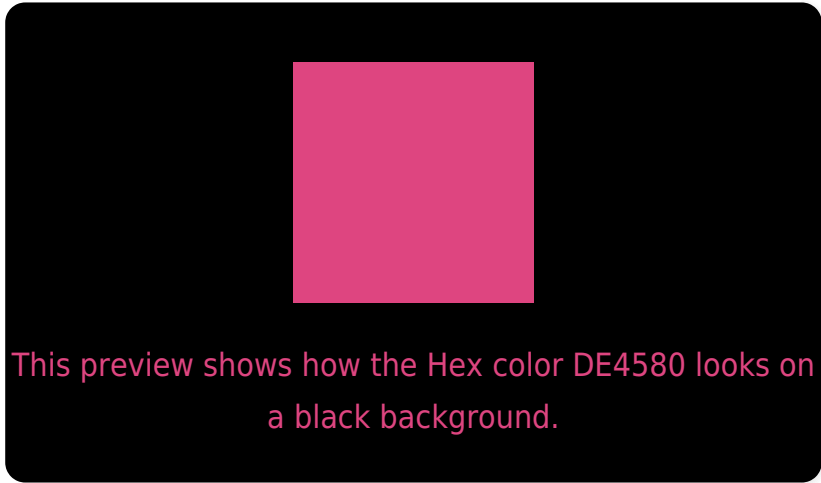
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE4580 Background



This preview shows how black text looks on a background with the Hex color DE4580.



This preview shows how white text looks on a background with the Hex color DE4580.

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
DE4580

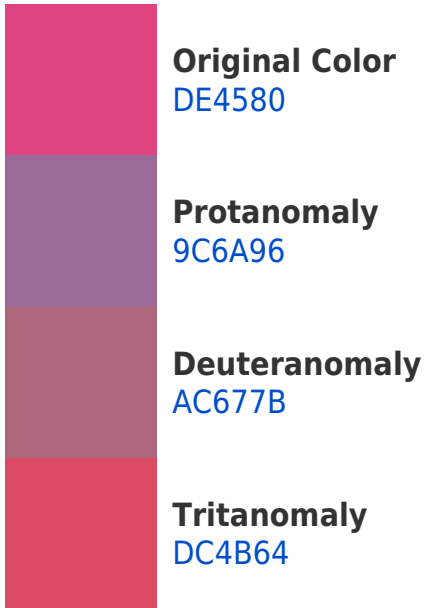
Protanopia
777FA3

Deuteranopia
8F7B78

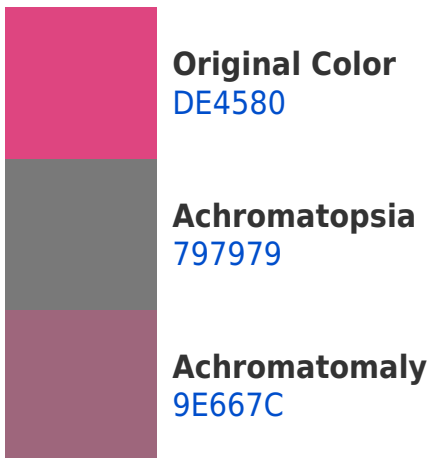


Tritanopia
DB4F54

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DE4580 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 #DE4580 looks like.

```
.text, #text, p{  
    color:#DE4580  
}
```

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 #DE4580 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE4580  
}
```

Border

The CSS property to change the border of an element to Hex DE4580 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  
#DE4580 }
```

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

```
.border{ border-color:#DE4580 }
```

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

Here you see how a box with a 4 pixel #DE4580 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE4580; -webkit-box-shadow:4px 4px  
4px 4px #DE4580; box-shadow:4px 4px 4px  
4px #DE4580 }
```

Background

The CSS property to change the background color of an element to Hex DE4580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE4580 }
```

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

```
.background{ background-color:#DE4580 }
```

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