

Converting Colors

Hex(CE5871)

Have a look what the booklet for
Hex(CE5871) contains.

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Color

Hex(CE5871)

Conversions

Conversions Part 1	
Format	Color
Hex	CE5871
RGB	206, 88, 113
RGB Percent	81%, 35%, 44%
CMY	0.1922, 0.6549, 0.5569
CMYK	0.00, 0.57, 0.45, 0.19
HSL	347°, 55%, 58%
HSV	347°, 57%, 81%
XYZ	31.9240, 21.2935, 18.0503
YIQ	126.1320, 62.3030, 32.7910

Conversions

Conversions Part 2

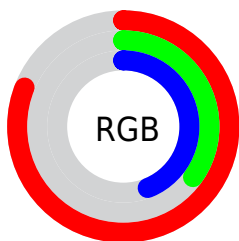
Format	Color
RYB	206, 88, 113
Decimal	13523057
CIELab	53.27, 48.99, 9.56
CIELCh	53, 49.910, 11.045
Yxy	21.2935, 0.4479, 0.2988
Android (android.graphics.Color)	4291713137 (0xFFCE5871)
YUV	126.1320, -6.4741, 70.0442
Hunter-Lab	46.1449, 42.7363, 9.1093

Details

The Hex color **CE5871** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **58CEB5**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF8EA5**, and **932041** is the 20% darker color. If you saturate the color by 10%, you get **CE4361**, and if you desaturate by 10%, it is **CE6D81**.

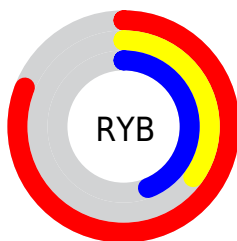
Distribution



Red (81%)

Green (35%)

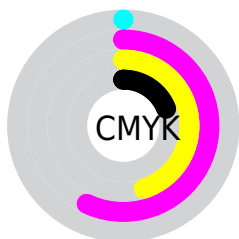
Blue (44%)



Red (81%)

Yellow (35%)

Blue (44%)

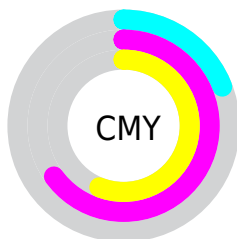


Cyan (0%)

Magenta (57%)

Yellow (45%)

Black (19%)



Cyan (19%)

Magenta (65%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE5871 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 CE5871 by changing the saturation by 10% instead.

 CE5871

FFFFFF

 FF8EA5

 FFAAC0

 FFC6DB

 FFE3F8

 CE5871

 B03D59

 932041

 77002C

 5A0017

 400001

 220001

 000000

 CE5871

 CE4361

 CE5871

 CE6D81

 CE2F51

 CE8191

 CE1A40

 CE96A2

 CE0630

 CEAAB2

 CE002C

 CEBFC2

 CED4D2

 CEE8E3

 CEFDF3

 CEFFFF

Harmonies

Analogous

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



BF5D9C



CE5871



C66249

Triad

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



CE5871



588C3B



008BD0

Complementary

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



CE5871



58CEB5

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.



0092B7



CE5871



009262

Square

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



CE5871



878223



00948E



4B7FD4

Rectangle

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



CE5871



B76D33



00948E



008ECA

Sweetspot

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



CE5871



FFD4DD



B458CE



80666B



000000



808080

Same Dimension

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



CE5871



FF4F74



CE7958



665C5E



A60023



260008

Inverse Universe

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



CE5871



FF4F74



58ADCE



665C5E



A60023



260008

Previews

White Background



This preview shows how the Hex color CE5871 looks on a white background.

Color Contrast Check

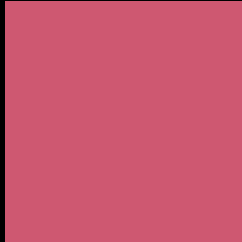
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color CE5871 looks on a 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 CE5871 Background



This preview shows how black text looks on a background with the Hex color CE5871.



This preview shows how white text looks on a background with the Hex color CE5871.

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

CE5871

Protanopia

807F86

Deuteranopia

937B6C



Tritanopia

CD5B61

Trichromacy

	Original Color CE5871
	Protanomaly 9C717E
	Deuteranomaly A86E6E
	Tritanomaly CD5A67

Monochromacy

	Original Color CE5871
	Achromatopsia 7E7E7E
	Achromatomaly 9B7079

CSS Examples

Text

The CSS property to change the color of the text to Hex CE5871 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 #CE5871 looks like.

```
.text, #text, p{  
    color:#CE5871  
}
```

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 #CE5871 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE5871
}
```

Border

The CSS property to change the border of an element to Hex CE5871 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
#CE5871 }
```

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

```
.border{ border-color:#CE5871 }
```

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

Here you see how a box with a 4 pixel #CE5871 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE5871; -webkit-box-shadow:4px 4px  
4px 4px #CE5871; box-shadow:4px 4px 4px  
4px #CE5871 }
```

Background

The CSS property to change the background color of an element to Hex CE5871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE5871 }
```

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

```
.background{ background-color:#CE5871 }
```

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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