

Converting Colors

Hex(CE405A)

Have a look what the booklet for
Hex(CE405A) contains.

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Color

Hex(CE405A)

Conversions

Conversions Part 1

Format	Color
Hex	CE405A
RGB	206, 64, 90
RGB Percent	81%, 25%, 35%
CMY	0.1922, 0.7490, 0.6471
CMYK	0.00, 0.69, 0.56, 0.19
HSL	349°, 59%, 53%
HSV	349°, 69%, 81%
XYZ	29.1325, 17.5268, 11.5204
YIQ	109.4220, 76.2860, 38.1900

Conversions

Conversions Part 2

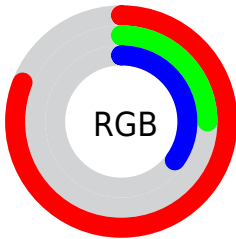
Format	Color
R_{YB}	206, 64, 90
Decimal	13516890
CIE Lab	48.92, 57.30, 17.33
CIE LCh	49, 59.867, 16.828
Yxy	17.5268, 0.5007, 0.3013
Android (android.graphics.Color)	4291706970 (0xFFCE405A)
YUV	109.4220, -9.5750, 84.6989
Hunter-Lab	41.8650, 50.9484, 12.9901

Details

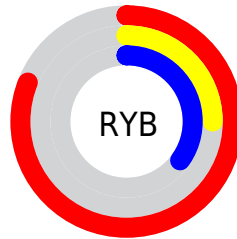
The Hex color **CE405A** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **40CEB4**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF788C**, and **91002D** is the 20% darker color. If you saturate the color by 10%, you get **CE2B49**, and if you desaturate by 10%, it is **CE556B**.

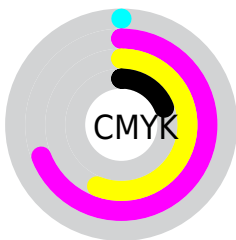
Distribution



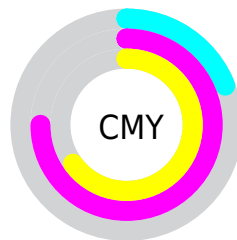
- Red (81%)
- Green (25%)
- Blue (35%)



- Red (81%)
- Yellow (25%)
- Blue (35%)



- Cyan (0%)
- Magenta (69%)
- Yellow (56%)
- Black (19%)



- Cyan (19%)
- Magenta (75%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE405A 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 CE405A by changing the saturation by 10% instead.

 CE405A

 CE405A

FFFFFF

 B02043

 FF788C

 91002D

 FF94A6

 740019

 FFB1C1

 570000

 FFCDDD

 3B0003

 FFEBFA

 150000

 000000

 CE405A

 CE405A

 CE2B49

 CE556B

 CE1738

 CE697C

 CE0228

 CE7E8C

 CE0026

 CE929D

 CEA7AE

 CEBCBF

 CED0D0

 CEE5E1

 CEF9F1

Harmonies

Analogous

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



C3428D



CE405A



BF532B

Triad

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



CE405A



318528



0081D7

Complementary

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



CE405A



40CEB4

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.



0089BD



CE405A



008A5B

Square

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



CE405A



717B00



008B90



3E70D6

Rectangle

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



CE405A



AB6308



008B90



0084D1

Sweetspot

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



CE405A



FFC9D3



B440CE



806065



000000



808080

Same Dimension

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



CE405A



FF2B52



CE6D40



665C5E



A6001E



260007

Inverse Universe

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



CE405A



FF2B52



40A1CE



665C5E



A6001E



260007

Previews

White Background



This preview shows how the Hex color CE405A looks on a white background.

Color Contrast Check

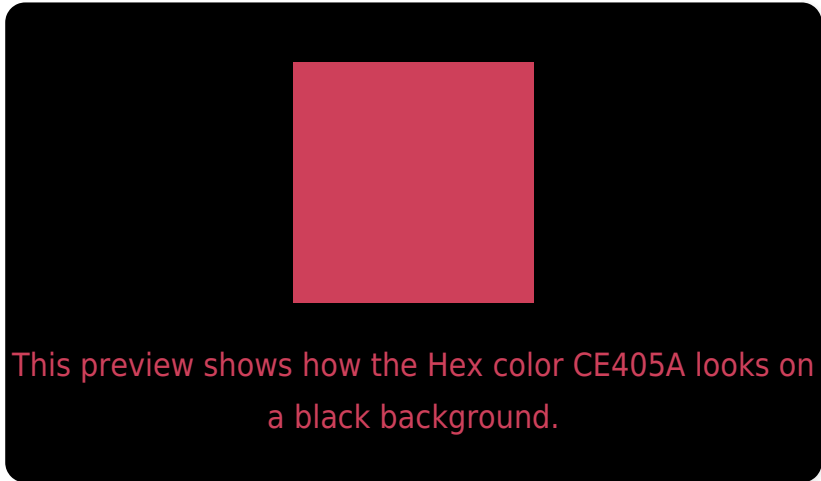
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 CE405A Background



This preview shows how black text looks on a background with the Hex color CE405A.



This preview shows how white text looks on a background with the Hex color CE405A.

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

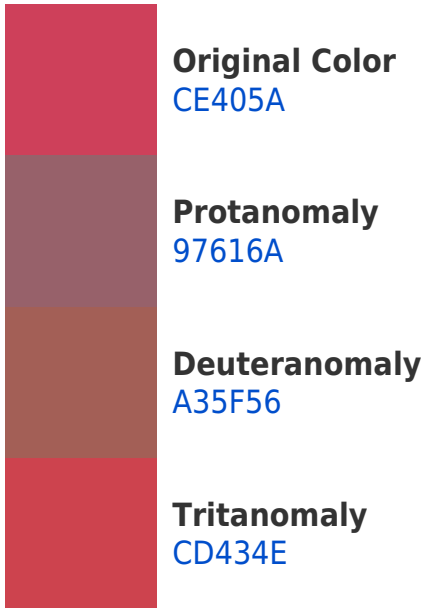


Original Color
CE405A

Protanopia
777473

Deuteranopia
8B7053

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CE405A 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 #CE405A looks like.

```
.text, #text, p{  
    color:#CE405A  
}
```

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 #CE405A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE405A  
}
```

Border

The CSS property to change the border of an element to Hex CE405A 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  
#CE405A }
```

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

```
.border{ border-color:#CE405A }
```

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

Here you see how a box with a 4 pixel #CE405A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE405A; -webkit-box-shadow:4px 4px  
4px 4px #CE405A; box-shadow:4px 4px 4px  
4px #CE405A }
```

Background

The CSS property to change the background color of an element to Hex CE405A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE405A }
```

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

```
.background{ background-color:#CE405A }
```

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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