

Converting Colors

Hex(CE3A58)

Have a look what the booklet for
Hex(CE3A58) contains.

Hex(CE3A58)	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(CE3A58)

Conversions

Conversions Part 1

Format	Color
Hex	CE3A58
RGB	206, 58, 88
RGB Percent	81%, 23%, 35%
CMY	0.1922, 0.7725, 0.6549
CMYK	0.00, 0.72, 0.57, 0.19
HSL	348°, 60%, 52%
HSV	348°, 72%, 81%
XYZ	28.7281, 16.8525, 10.9712
YIQ	105.6720, 78.5780, 40.7060

Conversions

Conversions Part 2

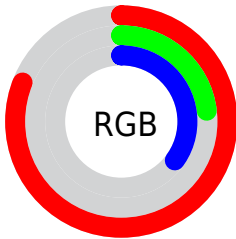
Format	Color
R_{YB}	206, 58, 88
Decimal	13515352
CIE _{Lab}	48.07, 59.37, 17.40
CIE _{LCh}	48, 61.871, 16.338
Yxy	16.8525, 0.5080, 0.2980
Android (android.graphics.Color)	4291705432 (0xFFCE3A58)
YUV	105.6720, -8.7123, 87.9877
Hunter-Lab	41.0518, 53.0739, 12.8908

Details

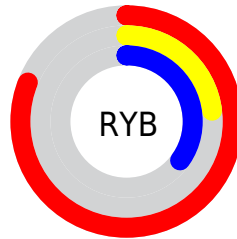
The Hex color **CE3A58** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **3ACEB0**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF748A**, and **91002B** is the 20% darker color. If you saturate the color by 10%, you get **CE2548**, and if you desaturate by 10%, it is **CE4F68**.

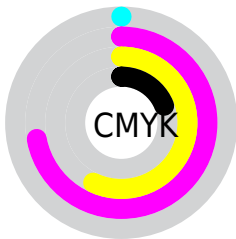
Distribution



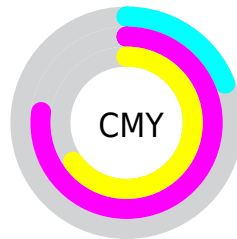
- Red (81%)
- Green (23%)
- Blue (35%)



- Red (81%)
- Yellow (23%)
- Blue (35%)



- Cyan (0%)
- Magenta (72%)
- Yellow (57%)
- Black (19%)



- Cyan (19%)
- Magenta (77%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE3A58 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 CE3A58 by changing the saturation by 10% instead.

 CE3A58

 CE3A58

FFFFFF

 AF1641

 FF748A

 91002B

 FF90A4

 730017

 FFACBF

 560000

 FFC9DB

 3A0002

 FFE6F7

 130000

 000000

 CE3A58

 CE3A58

 CE2548

 CE4F68

 CE1137

 CE6379

 CE002A

 CE7889

 CE8C9A

 CEA1AA

 CEB6BB

 CECACB

 CEDFDB

 CEF3EC

Harmonies

Analogous

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



C33D8C



CE3A58



BF4F27

Triad

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



CE3A58



2C8322



007FD8

Complementary

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



CE3A58



3ACEB0

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.



0087BD



CE3A58



008858

Square

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



CE3A58



6F7800



008A8E



326ED7

Rectangle

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



CE3A58



AA6000



008A8E



0083D2

Sweetspot

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



CE3A58



FFC7D2



AE3ACE



805E65



000000



808080

Same Dimension

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



CE3A58



FF2450



CE643A



665C5E



A60022



260008

Inverse Universe

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



CE3A58



FF2450



3AA4CE



665C5E



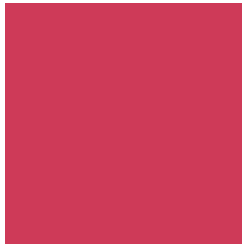
A60022



260008

Previews

White Background



This preview shows how the Hex color CE3A58 looks on a white background.

Color Contrast Check

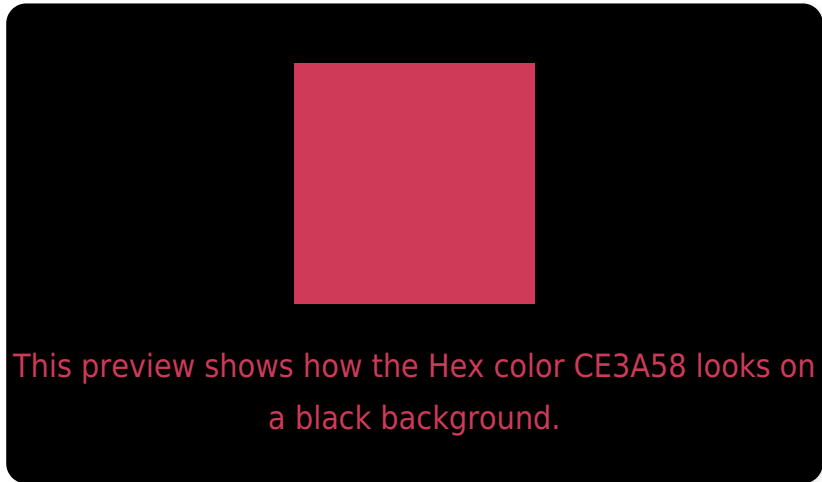
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex CE3A58 Background



This preview shows how black text looks on a background with the Hex color CE3A58.



This preview shows how white text looks on a background with the Hex color CE3A58.

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
CE3A58

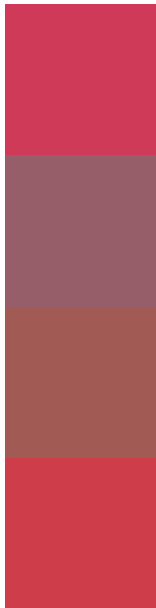
Protanopia
757273

Deuteranopia
896E51



Tritanopia
CD3F42

Trichromacy



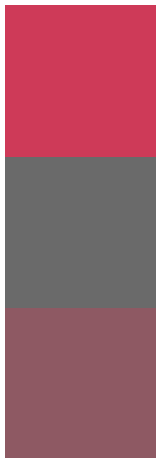
Original Color
CE3A58

Protanomaly
955E69

Deuteranomaly
A25B54

Tritanomaly
CD3D4A

Monochromacy



Original Color
CE3A58

Achromatopsia
6A6A6A

Achromatomaly
8E5963

CSS Examples

Text

The CSS property to change the color of the text to Hex CE3A58 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 #CE3A58 looks like.

```
.text, #text, p{  
    color:#CE3A58  
}
```

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 #CE3A58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE3A58
}
```

Border

The CSS property to change the border of an element to Hex CE3A58 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
#CE3A58 }
```

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

```
.border{ border-color:#CE3A58 }
```

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

Here you see how a box with a 4 pixel #CE3A58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE3A58; -webkit-box-shadow:4px 4px  
4px 4px #CE3A58; box-shadow:4px 4px 4px  
4px #CE3A58 }
```

Background

The CSS property to change the background color of an element to Hex CE3A58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE3A58 }
```

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

```
.background{ background-color:#CE3A58 }
```

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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