

Converting Colors

Hex(C32E56)

Have a look what the booklet for
Hex(C32E56) contains.

Hex(C32E56)	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(C32E56)

Conversions

Conversions Part 1

Format	Color
Hex	C32E56
RGB	195, 46, 86
RGB Percent	76%, 18%, 34%
CMY	0.2353, 0.8196, 0.6627
CMYK	0.00, 0.76, 0.56, 0.24
HSL	344°, 62%, 47%
HSV	344°, 76%, 76%
XYZ	25.1624, 14.2280, 10.2242
YIQ	95.1110, 75.9640, 44.0280

Conversions

Conversions Part 2

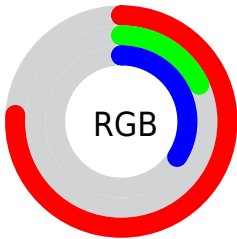
Format	Color
R_{YB}	195, 46, 86
Decimal	12791382
CIE _{Lab}	44.56, 60.02, 13.51
CIE _{LCh}	45, 61.526, 12.681
Yxy	14.2280, 0.5072, 0.2868
Android (android.graphics.Color)	4290981462 (0xFFC32E56)
YUV	95.1110, -4.4917, 87.6027
Hunter-Lab	37.7200, 53.0644, 10.3332

Details

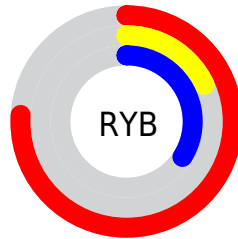
The Hex color **C32E56** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **2EC39B**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF6987**, and **870029** is the 20% darker color. If you saturate the color by 10%, you get **C31A48**, and if you desaturate by 10%, it is **C34264**.

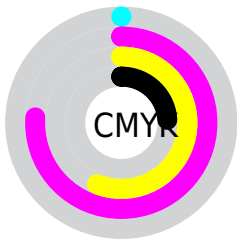
Distribution



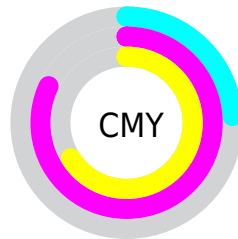
- Red (76%)
- Green (18%)
- Blue (34%)



- Red (76%)
- Yellow (18%)
- Blue (34%)



- Cyan (0%)
- Magenta (76%)
- Yellow (56%)
- Black (24%)



- Cyan (24%)
- Magenta (82%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color C32E56 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 C32E56 by changing the saturation by 10% instead.

 C32E56

 C32E56

FFFFFF

 A5003F

 FF6987

 870029

 FF85A2

 690016

 FFA2BC

 4C0001

 FFBED8

 2F0002

 FFDCF5

 000000

 FFF9FF

 C32E56

 C32E56

 C31A48

 C34264

 C30739

 C35573

 C30034

 C36981

 C37C8F

 C3909D

 C3A3AC

 C3B7BA

 C3CAC8

 C3DDD6

Harmonies

Analogous

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



B53689



C32E56



B74325

Triad

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



C32E56



2E7910



0077CC

Complementary

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



C32E56



2EC39B

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.



007FAE



C32E56



007E49

Square

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



C32E56



6C6E00



00807E



0068CE

Rectangle

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



C32E56



A45400



00807E



007BC5

Sweetspot

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



C32E56



FCC2D2



992EC3



805C65



000000



808080

Same Dimension

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



C32E56



FC1453



C34E2E



61575A



A1002B



210009

Inverse Universe

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



C32E56



FC1453



2EA3C3



61575A



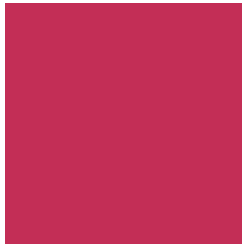
A1002B



210009

Previews

White Background



This preview shows how the Hex color C32E56 looks on a white background.

Color Contrast Check

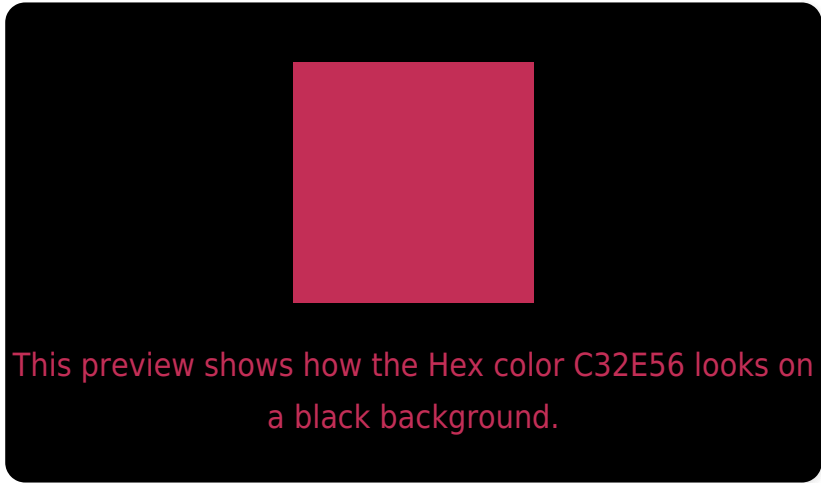
Large Text (above 18pt) WCAG AA ✓ Pass

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 C32E56 Background



This preview shows how black text looks on a background with the Hex color C32E56.



This preview shows how white text looks on a background with the Hex color C32E56.

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
C32E56

Protanopia
6A6A73

Deuteranopia
7E664F



Tritanopia
C23537

Trichromacy



Original Color
C32E56

Protanomaly
8A5468

Deuteranomaly
975252

Tritanomaly
C23242

Monochromacy



Original Color
C32E56

Achromatopsia
5F5F5F

Achromatomaly
834D5C

CSS Examples

Text

The CSS property to change the color of the text to Hex C32E56 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 #C32E56 looks like.

```
.text, #text, p{  
    color:#C32E56  
}
```

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 #C32E56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C32E56
}
```

Border

The CSS property to change the border of an element to Hex C32E56 is called "border". The border property can be set on classes, ids or directly on the HTML element.

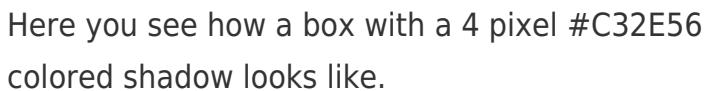
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C32E56 }
```

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

```
.border{ border-color:#C32E56 }
```

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



Here you see how a box with a 4 pixel `#C32E56` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C32E56; -webkit-box-shadow:4px 4px  
4px 4px #C32E56; box-shadow:4px 4px 4px  
4px #C32E56 }
```

Background

The CSS property to change the background color of an element to Hex C32E56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C32E56 }
```

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

```
.background{ background-color:#C32E56 }
```

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