

Converting Colors

Hex(C32166)

Have a look what the booklet for
Hex(C32166) contains.

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Color

Hex(C32166)

Conversions

Conversions Part 1

Format	Color
Hex	C32166
RGB	195, 33, 102
RGB Percent	76%, 13%, 40%
CMY	0.2353, 0.8706, 0.6000
CMYK	0.00, 0.83, 0.48, 0.24
HSL	334°, 71%, 45%
HSV	334°, 83%, 76%
XYZ	25.4478, 13.6491, 13.8637
YIQ	89.3040, 74.4030, 55.8030

Conversions

Conversions Part 2

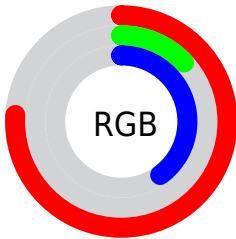
Format	Color
R_{YB}	195, 33, 102
Decimal	12788070
CIE _{Lab}	43.73, 64.82, 2.36
CIE _{LCh}	44, 64.866, 2.084
Yxy	13.6491, 0.4805, 0.2577
Android (android.graphics.Color)	4290978150 (0xFFC32166)
YUV	89.3040, 6.2591, 92.6954
Hunter-Lab	36.9447, 58.2989, 3.6125

Details

The Hex color **C32166** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark muted rose. A complement of this color would be **21C37E**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FF6199**, and **870038** is the 20% darker color. If you saturate the color by 10%, you get **C30D5B**, and if you desaturate by 10%, it is **C33471**.

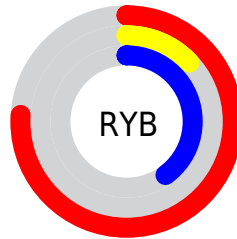
Distribution



Red (76%)

Green (13%)

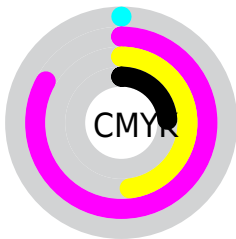
Blue (40%)



Red (76%)

Yellow (13%)

Blue (40%)

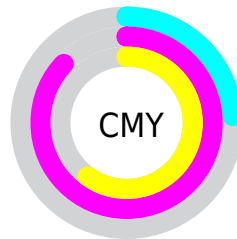


Cyan (0%)

Magenta (83%)

Yellow (48%)

Black (24%)



Cyan (24%)

Magenta (87%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color C32166 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 C32166 by changing the saturation by 10% instead.

 C32166

 C32166

FFFFFF

 A5004E

 FF6199

 870038

 FF7EB3

 6A0023

 FF9BCF

 4D000C

 FFB8EB

 300002

 FFD5FF

 000000

 FFF3FF

 C32166

 C32166

 C30D5B

 C33471

 C30053

 C3487C

 C35B88

 C36F93

 C3839E

 C396A9

 C3AAB4

 C3BDC0

 C3D0CB

Harmonies

Analogous

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



A9389B



C32166



BF3332

Triad

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



C32166



437400



007AC7

Complementary

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



C32166



21C37E

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.



007E9F



C32166



007B31

Square

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



C32166



7A6600



007E6A



006DD4

Rectangle

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



C32166



AF470B



007E6A



007CBC

Sweetspot

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



C32166



FCBDD8



7D21C3



80596A



000000



808080

Same Dimension

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



C32166



FC006C



C32C21



61575B



A10044



21000E

Inverse Universe

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



C32166



FC006C



21B8C3



61575B



A10044



21000E

Previews

White Background



This preview shows how the Hex color C32166 looks on a white background.

Color Contrast Check

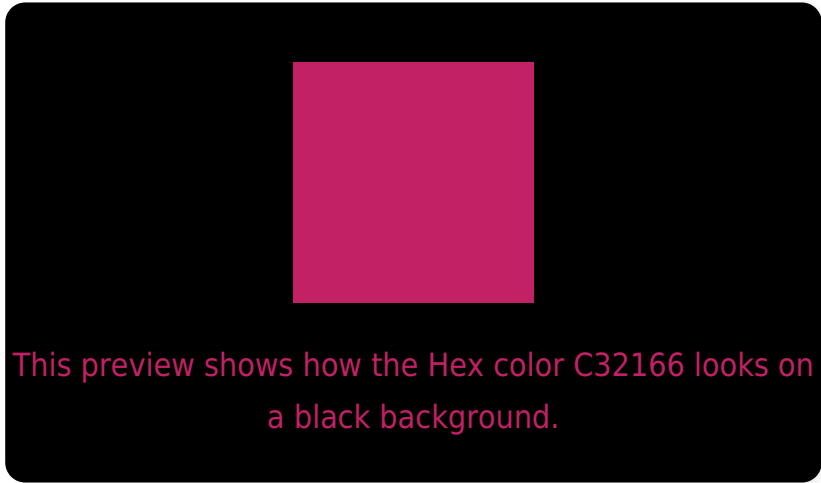
Large Text (above 18pt) WCAG AA ✓ Pass

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 C32166 Background



This preview shows how black text looks on a background with the Hex color C32166.



This preview shows how white text looks on a background with the Hex color C32166.

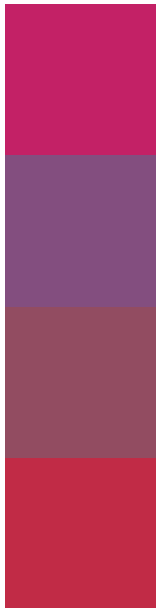
Color Blindness Simulation

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



Trichromacy



Original Color
C32166

Protanomaly
834E7F

Deuteranomaly
924C61

Tritanomaly
C12B46

Monochromacy



Original Color
C32166

Achromatopsia
595959

Achromatomaly
80455E

CSS Examples

Text

The CSS property to change the color of the text to Hex C32166 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 #C32166 looks like.

```
.text, #text, p{  
  color:#C32166  
}
```

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 #C32166 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C32166
}
```

Border

The CSS property to change the border of an element to Hex C32166 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
#C32166 }
```

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

```
.border{ border-color:#C32166 }
```

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

Here you see how a box with a 4 pixel #C32166 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C32166; -webkit-box-shadow:4px 4px  
4px 4px #C32166; box-shadow:4px 4px 4px  
4px #C32166 }
```

Background

The CSS property to change the background color of an element to Hex C32166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C32166 }
```

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

```
.background{ background-color:#C32166 }
```

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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