

Converting Colors

Hex(68045A)

Have a look what the booklet for
Hex(68045A) contains.

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Color

Hex(68045A)

Conversions

Conversions Part 1

Format	Color
Hex	68045A
RGB	104, 4, 90
RGB Percent	41%, 2%, 35%
CMY	0.5922, 0.9843, 0.6471
CMYK	0.00, 0.96, 0.13, 0.59
HSL	308°, 93%, 21%
HSV	308°, 96%, 41%
XYZ	7.5978, 3.7681, 9.9997
YIQ	43.7040, 31.9940, 47.9460

Conversions

Conversions Part 2

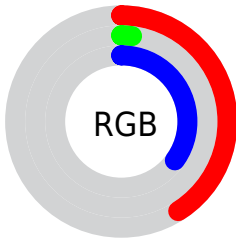
Format	Color
R_{YB}	104, 4, 90
Decimal	6816858
CIE _{Lab}	22.89, 47.76, -23.18
CIE _{LCh}	23, 53.090, 334.107
Yxy	3.7681, 0.3556, 0.1764
Android (android.graphics.Color)	4285006938 (0xFF68045A)
YUV	43.7040, 22.8239, 52.8796
Hunter-Lab	19.4115, 35.8959, -16.9548

Details

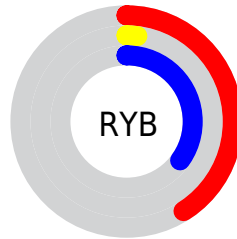
The Hex color **68045A** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **046812**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **9E428C**, and **36002C** is the 20% darker color. If you saturate the color by 10%, you get **680059**, and if you desaturate by 10%, it is **680E5B**.

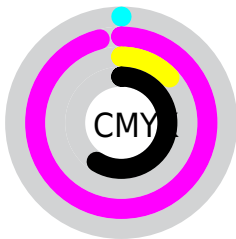
Distribution



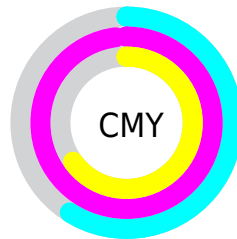
- Red (41%)
- Green (2%)
- Blue (35%)



- Red (41%)
- Yellow (2%)
- Blue (35%)



- Cyan (0%)
- Magenta (96%)
- Yellow (13%)
- Black (59%)



- Cyan (59%)
- Magenta (98%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68045A 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 68045A by changing the saturation by 10% instead.

 68045A

 68045A

FFFFFF

 4E0042

 9E428C

 36002C

 BA5CA7

 190017

 D777C2

 000000

 F492DE

 FFADFB

 FFC9FF

 FFE6FF

 68045A

 68045A

■ 680059

■ 680E5B

■ 68195D

■ 68235E

■ 682E60

■ 683861

■ 684263

■ 684D64

■ 685766

■ 686267

Harmonies

Analogous

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



372979



68045A



780033

Triad

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



68045A



3F3700



004663

Complementary

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



68045A



046812

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.



00463B



68045A



134000

Square

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



68045A



5F2600



004410



00447F

Rectangle

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



68045A



770019



004410



004756

Sweetspot

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



68045A



876082



110468



452D41



C4C4C4



454545

Same Dimension

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



68045A



870074



680429



332E32



730063



F200D0

Inverse Universe

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



68045A



870074



046843



332E32



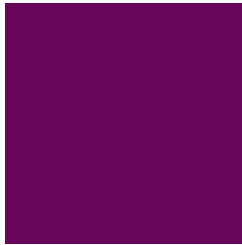
730063



F200D0

Previews

White Background



This preview shows how the Hex color 68045A looks on a white background.

Color Contrast Check

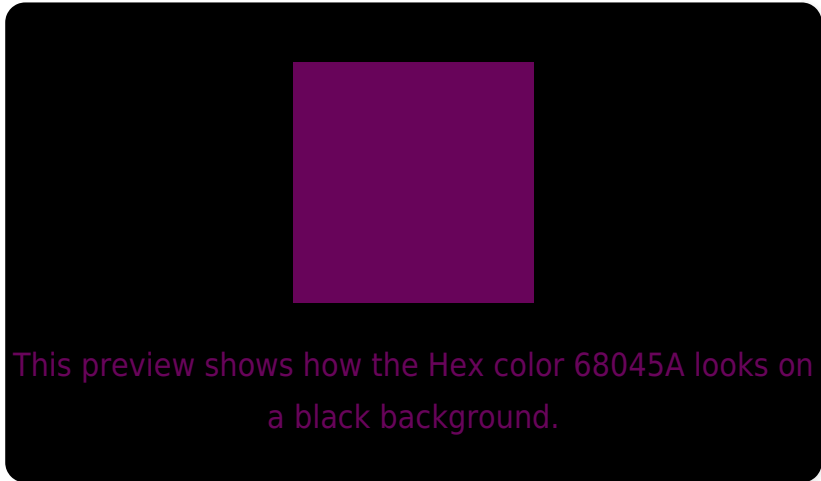
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

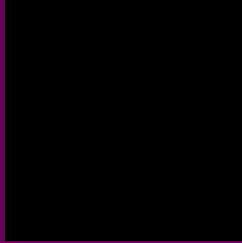
Any Text WCAG AA × Fail

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 68045A Background



This preview shows how black text looks on a background with the Hex color 68045A.



This preview shows how white text looks on a background with the Hex color 68045A.

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
68045A

Protanopia
003876

Deuteranopia
2F3954



Tritanopia
632426

Trichromacy



Original Color
68045A

Protanomaly
26256C

Deuteranomaly
442656

Tritanomaly
651839

Monochromacy



Original Color
68045A

Achromatopsia
2C2C2C

Achromatomaly
421D3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 68045A 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 #68045A looks like.

```
.text, #text, p{  
    color:#68045A  
}
```

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 #68045A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68045A
}
```

Border

The CSS property to change the border of an element to Hex 68045A 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
#68045A }
```

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

```
.border{ border-color:#68045A }
```

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

Here you see how a box with a 4 pixel #68045A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68045A; -webkit-box-shadow:4px 4px  
4px 4px #68045A; box-shadow:4px 4px 4px  
4px #68045A }
```

Background

The CSS property to change the background color of an element to Hex 68045A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68045A }
```

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

```
.background{ background-color:#68045A }
```

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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