

# Converting Colors

Hex(B5025B)

Have a look what the booklet for  
Hex(B5025B) contains.

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# Color

**Hex(B5025B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5025B
RGB	181, 2, 91
RGB Percent	71%, 1%, 36%
CMY	0.2902, 0.9922, 0.6431
CMYK	0.00, 0.99, 0.50, 0.29
HSL	330°, 98%, 36%
HSV	330°, 99%, 71%
XYZ	20.9661, 10.6225, 10.8428
YIQ	65.6670, 78.1150, 65.6270

# Conversions

## Conversions Part 2

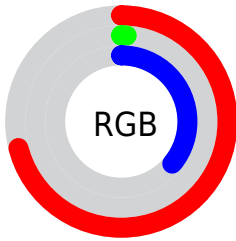
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 2, 91
Decimal	11862619
CIE Lab	38.94, 65.31, 2.02
CIE LCh	39, 65.341, 1.769
Yxy	10.6225, 0.4941, 0.2503
Android (android.graphics.Color)	4290052699 (0xFFB5025B)
YUV	65.6670, 12.4892, 101.1470
Hunter-Lab	32.5922, 57.7902, 3.0898

# Details

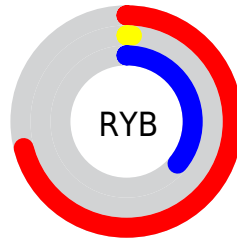
The Hex color **B5025B** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **02B55C**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **F2538D**, and **79002E** is the 20% darker color. If you saturate the color by 10%, you get **B5005A**, and if you desaturate by 10%, it is **B51464**.

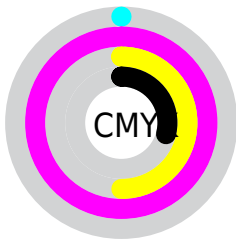
# Distribution



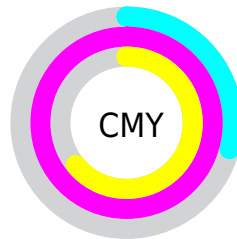
- Red (71%)
- Green (1%)
- Blue (36%)



- Red (71%)
- Yellow (1%)
- Blue (36%)



- Cyan (0%)
- Magenta (99%)
- Yellow (50%)
- Black (29%)



- Cyan (29%)
- Magenta (99%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5025B 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 B5025B by changing the saturation by 10% instead.



 B5025B

 B5025B

FFFFFF

 970044

 F2538D

 79002E

 FF70A7

 5C001A

 FF8DC2

 420003

 FFA9DE

 1F0001

 FFC7FB

 000000

 FFE4FF

 B5025B

 B5025B

 B5005A

 B51464

 B5266D

 B53876

 B54A7F

 B55D89

 B56F92

 B5819B

 B593A4

 B5A5AD

# Harmonies

## Analogous

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



9C298F



B5025B



B12327

# Triad

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



B5025B



366800



006EBA

# Complementary

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



B5025B



02B55C

# 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.



007293



B5025B



006F25

# Square

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



B5025B



6E5B00



00725E



0062C7

# Rectangle

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



B5025B



A13A00



00725E



0070AF



# Sweetspot

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



B5025B



EBA4C7



5C02B5



754B60



F5F5F5



757575



# Same Dimension

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



B5025B



EB0075



B50202



595055



99004C



1A000D



# Inverse Universe

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



B5025B



EB0075



02B5B5



595055



99004C



1A000D



# Previews

## White Background



This preview shows how the Hex color B5025B looks on a white background.

## Color Contrast Check

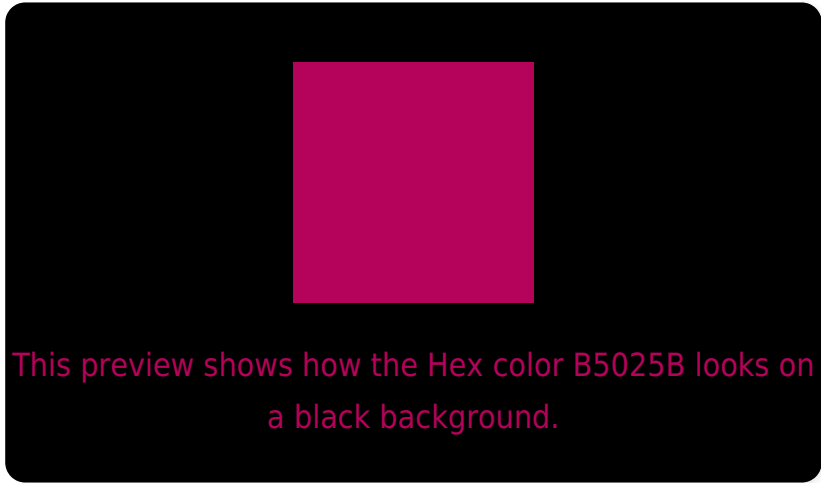
Large Text (above 18pt) WCAG AA ✓ Pass

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 B5025B Background



This preview shows how black text looks on a background with the Hex color B5025B.



This preview shows how white text looks on a background with the Hex color B5025B.

# 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**  
B5025B

**Protanopia**  
535D83

**Deuteranopia**  
6B5B53



# Trichromacy



**Original Color**  
B5025B



**Protanomaly**  
773C74



**Deuteranomaly**  
863B56



**Tritanomaly**  
B31838

# Monochromacy



**Original Color**  
B5025B



**Achromatopsia**  
424242



**Achromatomaly**  
6C2B4B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5025B 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 #B5025B looks like.

```
.text, #text, p{  
    color:#B5025B  
}
```

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 #B5025B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5025B
}
```

## Border

The CSS property to change the border of an element to Hex B5025B is called "border". The border property can be set on classes, ids or directly on the HTML element.

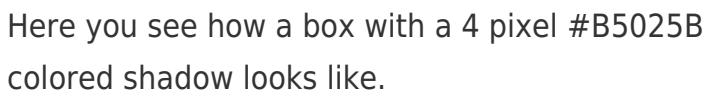
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B5025B }
```

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

```
.border{ border-color:#B5025B }
```

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



Here you see how a box with a 4 pixel #B5025B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5025B; -webkit-box-shadow:4px 4px  
4px 4px #B5025B; box-shadow:4px 4px 4px  
4px #B5025B }
```

# Background

The CSS property to change the background color of an element to Hex B5025B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5025B }
```

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

```
.background{ background-color:#B5025B }
```

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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