

Converting Colors

Hex(3B23A5)

Have a look what the booklet for
Hex(3B23A5) contains.

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Color

Hex(3B23A5)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 3B23A5 |
| RGB | 59, 35, 165 |
| RGB Percent | 23%, 14%, 65% |
| CMY | 0.7686, 0.8627, 0.3529 |
| CMYK | 0.64, 0.79, 0.00, 0.35 |
| HSL | 251°, 65%, 39% |
| HSV | 251°, 79%, 65% |
| XYZ | 9.1962, 4.8485, 36.0485 |
| YIQ | 56.9960, -27.4260, 45.5180 |

Conversions

Conversions Part 2

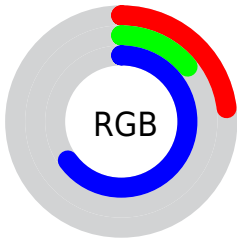
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 59, 35, 165 |
| Decimal | 3875749 |
| CIE _{Lab} | 26.30, 47.22, -65.43 |
| CIE _{LCh} | 26, 80.689, 305.817 |
| Yxy | 4.8485, 0.1836, 0.0968 |
| Android (android.graphics.Color) | 4282065829 (0xFF3B23A5) |
| YUV | 56.9960, 53.2460, 1.7575 |
| Hunter-Lab | 22.0193, 36.0156, -81.6521 |

Details

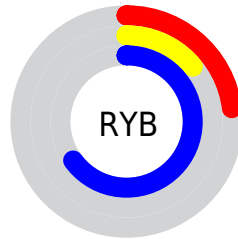
The Hex color **3B23A5** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **8DA523**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **7854DD**, and **000070** is the 20% darker color. If you saturate the color by 10%, you get **2E13A5**, and if you desaturate by 10%, it is **4834A5**.

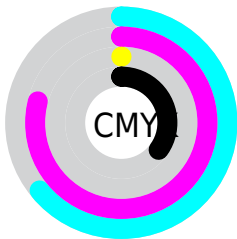
Distribution



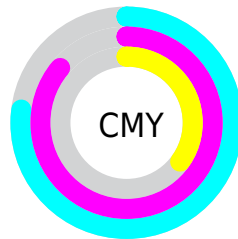
- Red (23%)
- Green (14%)
- Blue (65%)



- Red (23%)
- Yellow (14%)
- Blue (65%)



- Cyan (64%)
- Magenta (79%)
- Yellow (0%)
- Black (35%)



- Cyan (77%)
- Magenta (86%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B23A5 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 3B23A5 by changing the saturation by 10% instead.

■ 3B23A5

■ 3B23A5

FFFFFF

■ 12098A

■ 7854DD

■ 000070

■ 956DFA

■ 000056

■ B287FF

■ 00063E

■ D0A2FF

■ 000327

■ EEBDFF

■ 000111

■ FFD9FF

■ 000000

■ FFF6FF

■ 3B23A5

■ 3B23A5

■ 2E13A5

■ 4834A5

■ 2002A5

■ 5644A5

■ 1E00A5

■ 6355A5

■ 7165A5

■ 7E76A5

■ 8C86A5

■ 9997A5

■ A7A7A5

■ B4B8A5

Harmonies

Analogous

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



0045BD



3B23A5



8B0072

Triad

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



3B23A5



732400



005349

Complementary

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



3B23A5



8DA523

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.



005100



3B23A5



434000

Square

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



3B23A5



950000



004C00



005486

Rectangle

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



3B23A5



9D004A



004C00



005234

Sweetspot

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



3B23A5



ACA3D6



238DA5



524C6B



EBEBEB



6B6B6B

Same Dimension

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



3B23A5



300BD6



7C23A5



4B4952



1B0091



030012

Inverse Universe

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



A5238D



D60BB1



4CA523



524950



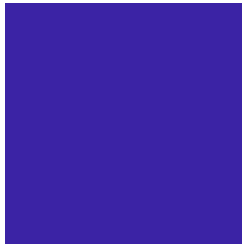
910077



12000F

Previews

White Background



This preview shows how the Hex color 3B23A5 looks on a white background.

Color Contrast Check

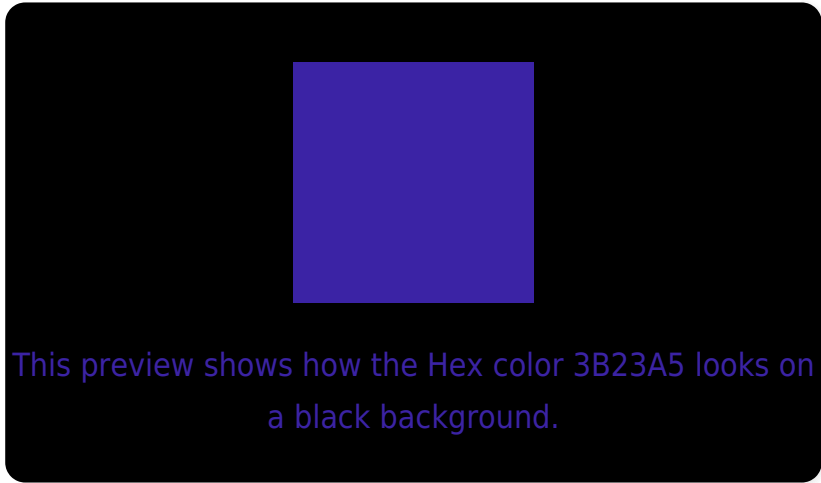
Large Text (above 18pt) WCAG AA ✓ Pass

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

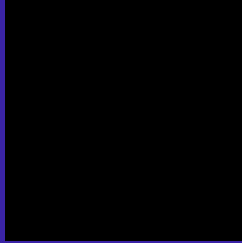
Any Text WCAG AA × Fail

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 3B23A5 Background



This preview shows how black text looks on a background with the Hex color 3B23A5.



This preview shows how white text looks on a background with the Hex color 3B23A5.

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
3B23A5

Protanopia
003C7F

Deuteranopia
00406C



Tritanopia
00454B

Trichromacy



Original Color
3B23A5

Protanomaly
15338D

Deuteranomaly
153581

Tritanomaly
15396C

Monochromacy



Original Color
3B23A5

Achromatopsia
393939

Achromatomaly
3A3160

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B23A5 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 #3B23A5 looks like.

```
.text, #text, p{  
    color:#3B23A5  
}
```

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 #3B23A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B23A5
}
```

Border

The CSS property to change the border of an element to Hex 3B23A5 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
#3B23A5 }
```

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

```
.border{ border-color:#3B23A5 }
```

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

Here you see how a box with a 4 pixel #3B23A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B23A5; -webkit-box-shadow:4px 4px  
4px 4px #3B23A5; box-shadow:4px 4px 4px  
4px #3B23A5 }
```

Background

The CSS property to change the background color of an element to Hex 3B23A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B23A5 }
```

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

```
.background{ background-color:#3B23A5 }
```

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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