

Converting Colors

Hex(322183)

Have a look what the booklet for
Hex(322183) contains.

Hex(322183)	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(322183)

Conversions

Conversions Part 1

Format	Color
Hex	322183
RGB	50, 33, 131
RGB Percent	20%, 13%, 51%
CMY	0.8039, 0.8706, 0.4863
CMYK	0.62, 0.75, 0.00, 0.49
HSL	250°, 60%, 32%
HSV	250°, 75%, 51%
XYZ	5.9560, 3.4045, 21.8160
YIQ	49.2550, -21.3260, 34.0820

Conversions

Conversions Part 2

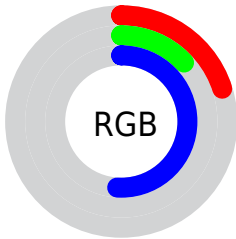
Format	Color
R_{YB}	50, 33, 131
Decimal	3285379
CIE _{Lab}	21.60, 36.55, -52.21
CIE _{LCh}	22, 63.730, 304.991
Yxy	3.4045, 0.1910, 0.1092
Android (android.graphics.Color)	4281475459 (0xFF322183)
YUV	49.2550, 40.3003, 0.6534
Hunter-Lab	18.4513, 25.3289, -57.1857

Details

The Hex color **322183** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **728321**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **6A4FB9**, and **000050** is the 20% darker color. If you saturate the color by 10%, you get **271483**, and if you desaturate by 10%, it is **3D2E83**.

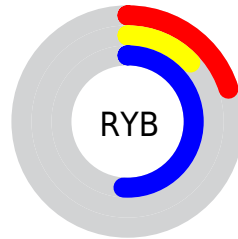
Distribution



Red (20%)

Green (13%)

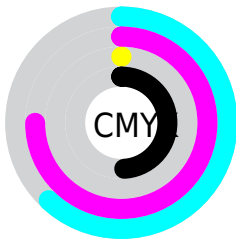
Blue (51%)



Red (20%)

Yellow (13%)

Blue (51%)

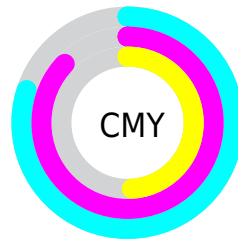


Cyan (62%)

Magenta (75%)

Yellow (0%)

Black (49%)



Cyan (80%)

Magenta (87%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 322183 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 322183 by changing the saturation by 10% instead.

■ 322183

■ 322183

FFFFFF

■ 0E0A69

■ 6A4FB9

■ 000050

■ 8668D5

■ 000538

■ A282F2

■ 000222

■ BF9CFF

■ 000008

■ DCB7FF

■ 000000

■ F9D3FF

■ FFEFFF

■ 322183

■ 322183

■ 271483

■ 3D2E83

■ 1C0783

■ 483B83

■ 170083

■ 524883

■ 5D5583

■ 686283

■ 737083

■ 7E7D83

■ 898A83

■ 939783

Harmonies

Analogous

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



003995



322183



6E005D

Triad

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



322183



5F2000



00453B

Complementary

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



322183



728321

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.



004304



322183



3A3500

Square

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



322183



790000



003F00



00456A

Rectangle

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



322183



7D003E



003F00



00442A

Sweetspot

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



322183



8C85AB



217383



444057



D6D6D6



575757

Same Dimension

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



322183



2C11AB



622183



3D3C42



170082



000003

Inverse Universe

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



832172



AB1190



428321



423C41



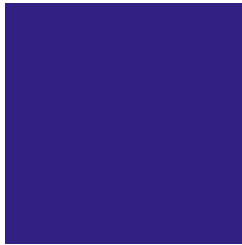
82006B



030002

Previews

White Background



This preview shows how the Hex color 322183 looks on a white background.

Color Contrast Check

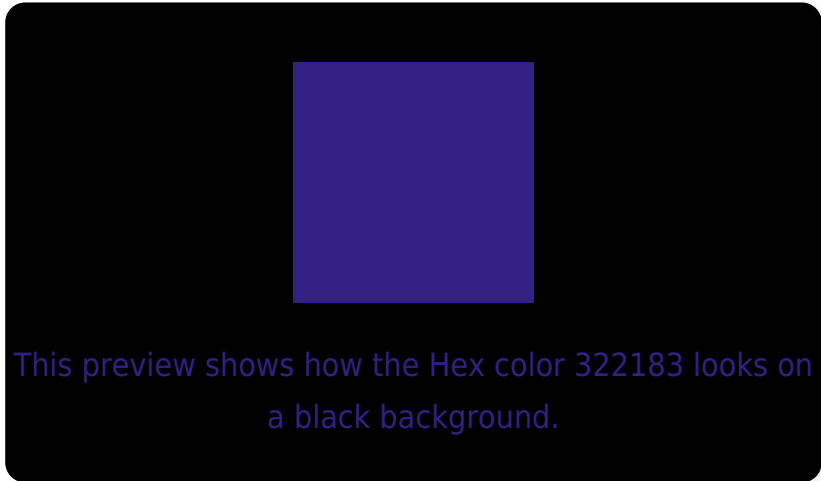
Large Text (above 18pt) WCAG AA ✓ Pass

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

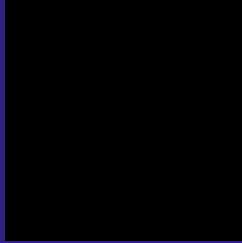
Any Text WCAG AA × Fail

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 322183 Background



This preview shows how black text looks on a background with the Hex color 322183.



This preview shows how white text looks on a background with the Hex color 322183.

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
322183

Protanopia
00336A

Deuteranopia
00365B



Tritanopia
093A3F

Trichromacy



Original Color
322183

Protanomaly
122C73

Deuteranomaly
122E6A

Tritanomaly
183158

Monochromacy



Original Color
322183

Achromatopsia
313131

Achromatomaly
312B4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 322183 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 #322183 looks like.

```
.text, #text, p{  
    color:#322183  
}
```

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 #322183 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #322183
}
```

Border

The CSS property to change the border of an element to Hex 322183 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
#322183 }
```

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

```
.border{ border-color:#322183 }
```

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

Here you see how a box with a 4 pixel #322183 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #322183; -webkit-box-shadow:4px 4px  
4px 4px #322183; box-shadow:4px 4px 4px  
4px #322183 }
```

Background

The CSS property to change the background color of an element to Hex 322183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#322183 }
```

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

```
.background{ background-color:#322183 }
```

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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