

Converting Colors

Hex(250A92)

Have a look what the booklet for
Hex(250A92) contains.

Hex(250A92)	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(250A92)

Conversions

Conversions Part 1

Format	Color
Hex	250A92
RGB	37, 10, 146
RGB Percent	15%, 4%, 57%
CMY	0.8549, 0.9608, 0.4275
CMYK	0.75, 0.93, 0.00, 0.43
HSL	252°, 87%, 31%
HSV	252°, 93%, 57%
XYZ	6.0598, 2.6857, 27.3931
YIQ	33.5770, -27.5640, 48.0200

Conversions

Conversions Part 2

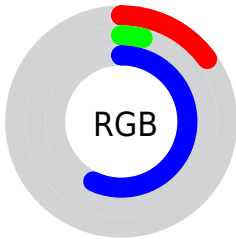
Format	Color
R_{YB}	37, 10, 146
Decimal	2427538
CIE _{Lab}	18.74, 50.01, -66.36
CIE _{LCh}	19, 83.097, 307.001
Yxy	2.6857, 0.1677, 0.0743
Android (android.graphics.Color)	4280617618 (0xFF250A92)
YUV	33.5770, 55.4245, 3.0020
Hunter-Lab	16.3882, 37.3241, -87.6327

Details

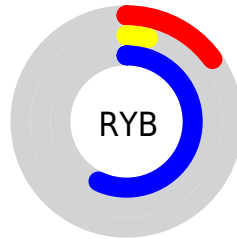
The Hex color **250A92** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **77920A**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **663EC9**, and **00005E** is the 20% darker color. If you saturate the color by 10%, you get **1D0092**, and if you desaturate by 10%, it is **311992**.

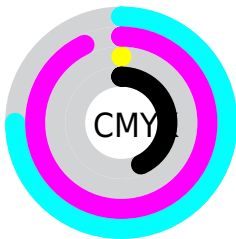
Distribution



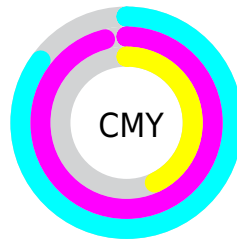
- Red (15%)
- Green (4%)
- Blue (57%)



- Red (15%)
- Yellow (4%)
- Blue (57%)



- Cyan (75%)
- Magenta (93%)
- Yellow (0%)
- Black (43%)



- Cyan (85%)
- Magenta (96%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 250A92 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 250A92 by changing the saturation by 10% instead.

 250A92

 250A92


 FFFBFF

 000077

 663EC9

 00005E

 8357E6

 000745

 A171FF

 00032E

 BE8BFF

 000118

 DCA6FF

 000000

 FAC2FF

 FFDEFF

 250A92

 250A92

■ 1D0092

■ 311992

■ 3C2792

■ 483692

■ 544492

■ 605392

■ 6B6292

■ 777092

■ 837F92

■ 8E8D92

Harmonies

Analogous

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



0036AC



250A92



79005E

Triad

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



250A92



5C1100



00413B

Complementary

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



250A92



77920A

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.



003F00



250A92



2D3100

Square

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



250A92



7E0000



003B00



004277

Rectangle

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



250A92



890037



003B00



004026

Sweetspot

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



250A92



9288BD



0A7992



453E5E



DEDEDE



5E5E5E

Same Dimension

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



250A92



2500BD



670A92



44434A



1B008A



02000A

Inverse Universe

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



920A77



BD0097



35920A



4A4348



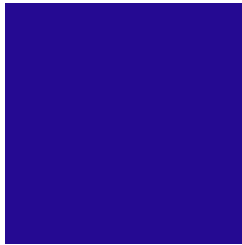
8A006E



0A0008

Previews

White Background



This preview shows how the Hex color 250A92 looks on a white background.

Color Contrast Check

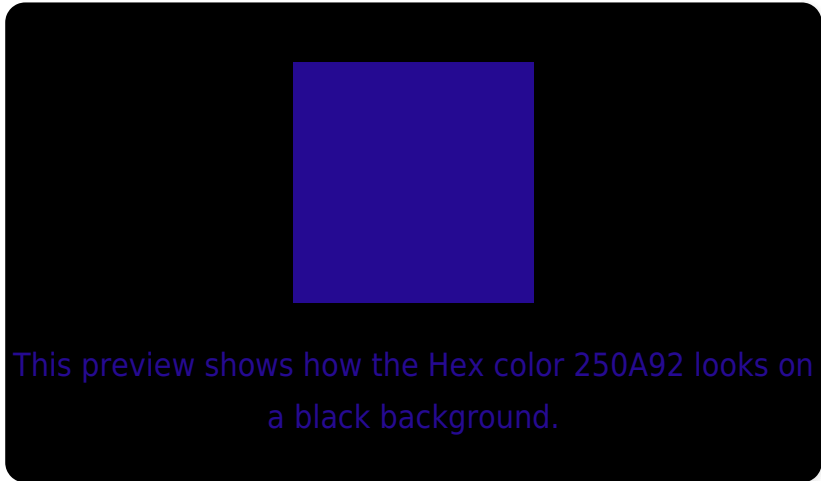
Large Text (above 18pt) WCAG AA ✓ Pass

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

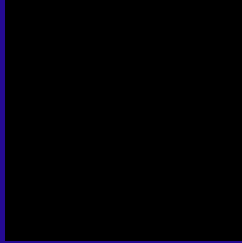
Any Text WCAG AA × Fail

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 250A92 Background



This preview shows how black text looks on a background with the Hex color 250A92.



This preview shows how white text looks on a background with the Hex color 250A92.

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
250A92

Protanopia
002E60

Deuteranopia
003152

Trichromacy



Original Color
250A92

Protanomaly
0D2172

Deuteranomaly
0D2369

Tritanomaly
0D2559

Monochromacy



Original Color
250A92

Achromatopsia
222222

Achromatomaly
23194B

CSS Examples

Text

The CSS property to change the color of the text to Hex 250A92 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 #250A92 looks like.

```
.text, #text, p{  
    color:#250A92  
}
```

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 #250A92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #250A92
}
```

Border

The CSS property to change the border of an element to Hex 250A92 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".

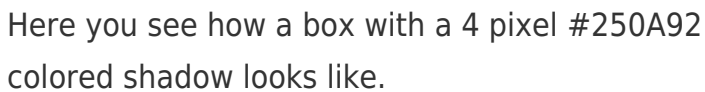
```
.border, #border, table{ border:4px solid
#250A92 }
```

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

```
.border{ border-color:#250A92 }
```

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

Here you see how a box with a 4 pixel #250A92 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #250A92; -webkit-box-shadow:4px 4px  
4px 4px #250A92; box-shadow:4px 4px 4px  
4px #250A92 }
```

Background

The CSS property to change the background color of an element to Hex 250A92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#250A92 }
```

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

```
.background{ background-color:#250A92 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor