

Converting Colors

Hex(250A62)

Have a look what the booklet for
Hex(250A62) contains.

Hex(250A62)	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(250A62)

Conversions

Conversions Part 1

Format	Color
Hex	250A62
RGB	37, 10, 98
RGB Percent	15%, 4%, 38%
CMY	0.8549, 0.9608, 0.6157
CMYK	0.62, 0.90, 0.00, 0.62
HSL	258°, 81%, 21%
HSV	258°, 90%, 38%
XYZ	3.0761, 1.4922, 11.6812
YIQ	28.1050, -12.1560, 33.0920

Conversions

Conversions Part 2

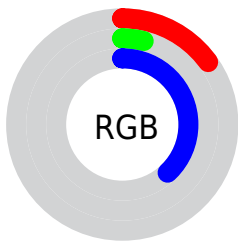
Format	Color
R_{YB}	37, 10, 98
Decimal	2427490
CIE _{Lab}	12.56, 36.24, -45.79
CIE _{LCh}	13, 58.400, 308.359
Yxy	1.4922, 0.1893, 0.0918
Android (android.graphics.Color)	4280617570 (0xFF250A62)
YUV	28.1050, 34.4582, 7.8009
Hunter-Lab	12.2157, 23.5714, -48.1445

Details

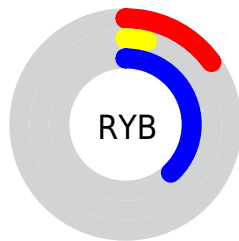
The Hex color **250A62** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **47620A**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **5B3996**, and **000132** is the 20% darker color. If you saturate the color by 10%, you get **1E0062**, and if you desaturate by 10%, it is **2C1462**.

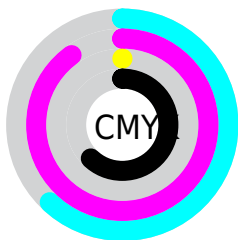
Distribution



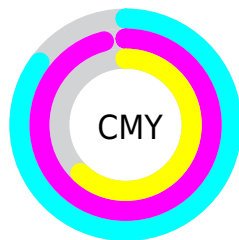
- Red (15%)
- Green (4%)
- Blue (38%)



- Red (15%)
- Yellow (4%)
- Blue (38%)



- Cyan (62%)
- Magenta (90%)
- Yellow (0%)
- Black (62%)



- Cyan (85%)
- Magenta (96%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 250A62 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 250A62 by changing the saturation by 10% instead.

 250A62

 250A62

 FFF1FF

 08004A

 5B3996

 000132

 7651B1

 00021C

 916ACD

 000000

 AD83E9

 C99EFF

 E6B9FF

 FFD5FF

 250A62

 250A62

■ 1E0062

■ 2C1462

■ 331E62

■ 392762

■ 403162

■ 473B62

■ 4E4562

■ 554F62

■ 5B5862

■ 626262

Harmonies

Analogous

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



002574



250A62



55003F

Triad

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



250A62



401100



00302B

Complementary

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



250A62



47620A

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.



002F00



250A62



202300

Square

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



250A62



570000



002B00



003053

Rectangle

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



250A62



5F0025



002B00



002F1D

Sweetspot

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



250A62



685D80



0A4862



322B40



BFBFBF



404040

Same Dimension

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



250A62



270080



500A62



2D2C30



220070



4A00F0

Inverse Universe

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



620A47



800058



1C620A



302C2F



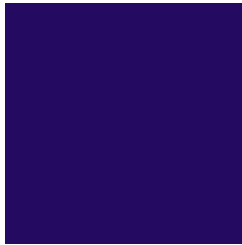
70004E



F000A6

Previews

White Background



This preview shows how the Hex color 250A62 looks on a white background.

Color Contrast Check

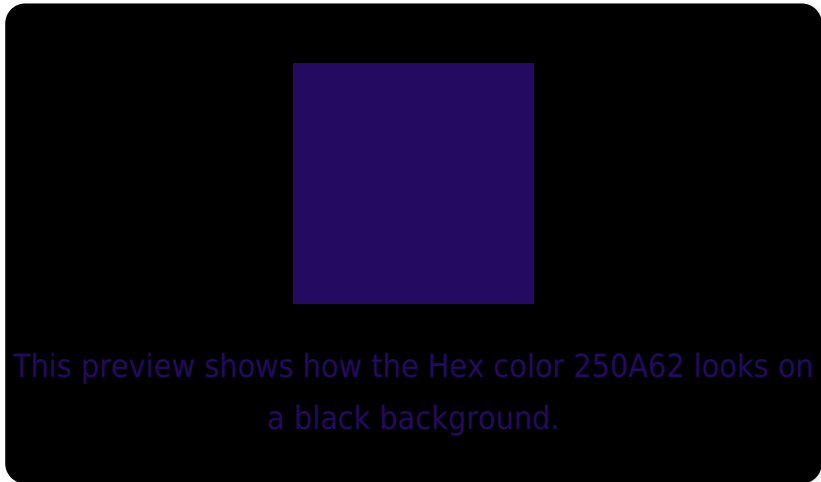
Large Text (above 18pt) WCAG AA ✓ Pass

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

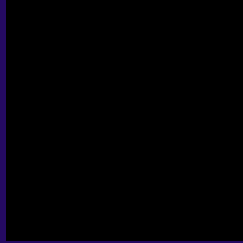
Any Text WCAG AA × Fail

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 250A62 Background



This preview shows how black text looks on a background with the Hex color 250A62.



This preview shows how white text looks on a background with the Hex color 250A62.

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
250A62

Protanopia
002247

Deuteranopia
00243C

Trichromacy



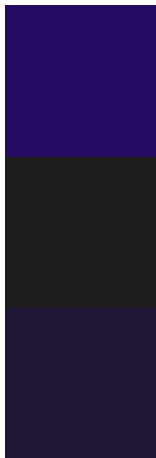
Original Color
250A62

Protanomaly
0D1951

Deuteranomaly
0D1B4A

Tritanomaly
0D1C3E

Monochromacy



Original Color
250A62

Achromatopsia
1C1C1C

Achromatomaly
1F1535

CSS Examples

Text

The CSS property to change the color of the text to Hex 250A62 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 #250A62 looks like.

```
.text, #text, p{  
    color:#250A62  
}
```

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 #250A62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #250A62
}
```

Border

The CSS property to change the border of an element to Hex 250A62 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
#250A62 }
```

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

```
.border{ border-color:#250A62 }
```

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

Here you see how a box with a 4 pixel #250A62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #250A62; -webkit-box-shadow:4px 4px  
4px 4px #250A62; box-shadow:4px 4px 4px  
4px #250A62 }
```

Background

The CSS property to change the background color of an element to Hex 250A62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#250A62 }
```

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

```
.background{ background-color:#250A62 }
```

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