

Converting Colors

Hex(230F56)

Have a look what the booklet for
Hex(230F56) contains.

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Color

Hex(230F56)

Conversions

Conversions Part 1

Format	Color
Hex	230F56
RGB	35, 15, 86
RGB Percent	14%, 6%, 34%
CMY	0.8627, 0.9412, 0.6627
CMYK	0.59, 0.83, 0.00, 0.66
HSL	257°, 70%, 20%
HSV	257°, 83%, 34%
XYZ	2.5437, 1.3709, 8.9346
YIQ	29.0740, -10.8710, 26.3210

Conversions

Conversions Part 2

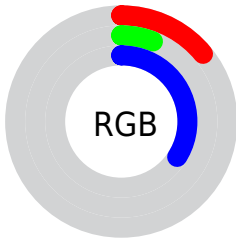
Format	Color
R_{YB}	35, 15, 86
Decimal	2297686
CIE _{Lab}	11.76, 29.89, -39.04
CIE _{LCh}	12, 49.173, 307.439
Yxy	1.3709, 0.1980, 0.1067
Android (android.graphics.Color)	4280487766 (0xFF230F56)
YUV	29.0740, 28.0645, 5.1971
Hunter-Lab	11.7084, 18.2900, -37.0482




Details

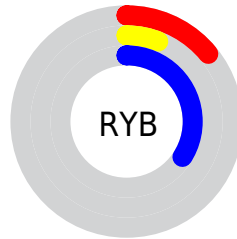
The Hex color **230F56** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **42560F**, and the grayscale version is **1D1D1D**.




A 20% lighter version of the original color is **573C89**, and **000327** is the 20% darker color. If you saturate the color by 10%, you get **1D0656**, and if you desaturate by 10%, it is **291856**.

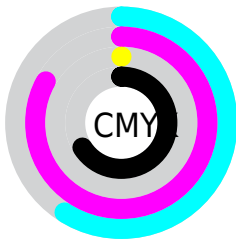
Distribution







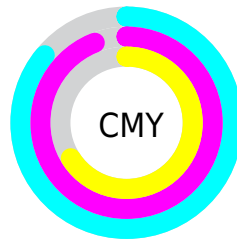
-  Red (14%)
-  Green (6%)
-  Blue (34%)






-  Red (14%)
-  Yellow (6%)
-  Blue (34%)



-  Cyan (59%)
-  Magenta (83%)
-  Yellow (0%)
-  Black (66%)



-  Cyan (86%)
-  Magenta (94%)
-  Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 230F56 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 230F56 by changing the saturation by 10% instead.

 230F56


 230F56


 FFF3FF

 0C003E

 573C89

 000327

 7153A3

 000111

 8B6CBF

 000000

 A685DB

 C2A0F7

 DFBBFF

 FCD7FF

 230F56

 230F56

■ 1D0656

■ 291856

■ 180056

■ 2F2056

■ 362956

■ 3C3156

■ 423A56

■ 484356

■ 4E4B56

■ 545456

■ 5B5C56

Harmonies

Analogous

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



002264



230F56



4B003A

Triad

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



230F56



3B1200



002D27

Complementary

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



230F56



42560F

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.



002B00



230F56



202100

Square

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



230F56



4F0000



002800



002C48

Rectangle

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



230F56



540024



002800



002D1B

Sweetspot

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



230F56



5C5470



0F4356



2C2738



B8B8B8



383838

Same Dimension

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



230F56



200170



450F56



28272B



1E006B



4200EB

Inverse Universe

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



560F42



700151



20560F



2B272A



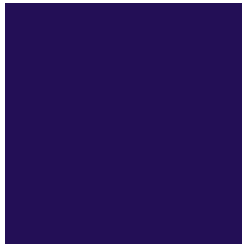
6B004D



EB00A9

Previews

White Background



This preview shows how the Hex color 230F56 looks on a white background.

Color Contrast Check

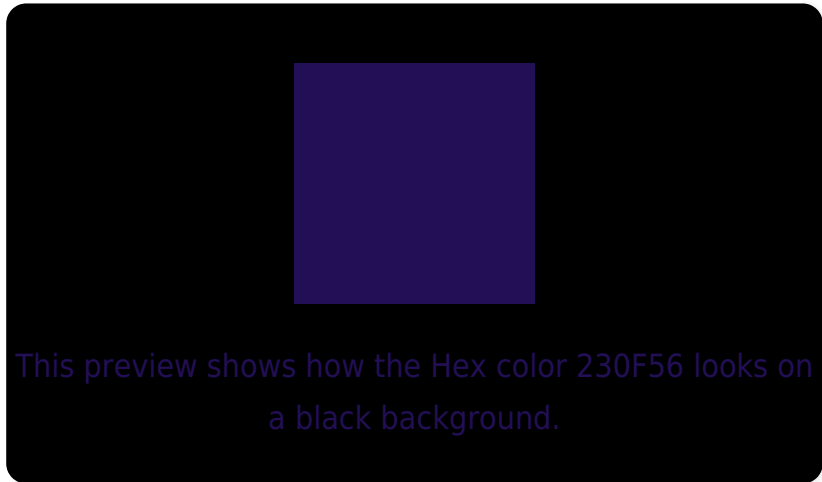
Large Text (above 18pt) WCAG AA ✓ Pass

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

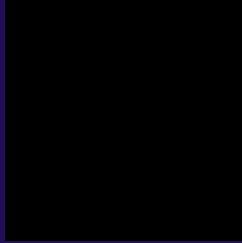
Any Text WCAG AA × Fail

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 230F56 Background



This preview shows how black text looks on a background with the Hex color 230F56.



This preview shows how white text looks on a background with the Hex color 230F56.

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
230F56

Protanopia
001F42

Deuteranopia
002238



Tritanopia
0D2426

Trichromacy



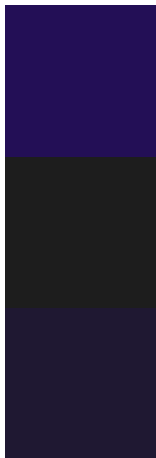
Original Color
230F56

Protanomaly
0D1949

Deuteranomaly
0D1B43

Tritanomaly
151C37

Monochromacy



Original Color
230F56

Achromatopsia
1D1D1D

Achromatomaly
1F1832

CSS Examples

Text

The CSS property to change the color of the text to Hex 230F56 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 #230F56 looks like.

```
.text, #text, p{  
    color:#230F56  
}
```

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 #230F56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #230F56
}
```

Border

The CSS property to change the border of an element to Hex 230F56 is called "border". The border property can be set on classes, ids or directly on the HTML element.

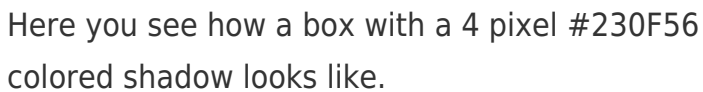
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#230F56 }
```

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

```
.border{ border-color:#230F56 }
```

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



Here you see how a box with a 4 pixel #230F56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #230F56; -webkit-box-shadow:4px 4px  
4px 4px #230F56; box-shadow:4px 4px 4px  
4px #230F56 }
```

Background

The CSS property to change the background color of an element to Hex 230F56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#230F56 }
```

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

```
.background{ background-color:#230F56 }
```

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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