

Converting Colors

Hex(230F38)

Have a look what the booklet for
Hex(230F38) contains.

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Color

Hex(230F38)

Conversions

Conversions Part 1

Format	Color
Hex	230F38
RGB	35, 15, 56
RGB Percent	14%, 6%, 22%
CMY	0.8627, 0.9412, 0.7804
CMYK	0.38, 0.73, 0.00, 0.78
HSL	269°, 58%, 14%
HSV	269°, 73%, 22%
XYZ	1.5778, 0.9845, 3.8482
YIQ	25.6540, -1.2410, 16.9910

Conversions

Conversions Part 2

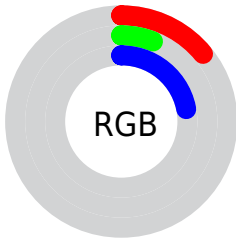
Format	Color
RYB	35, 15, 56
Decimal	2297656
CIELab	8.86, 20.39, -22.77
CIELCh	9, 30.562, 311.838
Yxy	0.9845, 0.2461, 0.1536
Android (android.graphics.Color)	4280487736 (0xFF230F38)
YUV	25.6540, 14.9606, 8.1964
Hunter-Lab	9.9222, 11.0203, -16.0497

Details

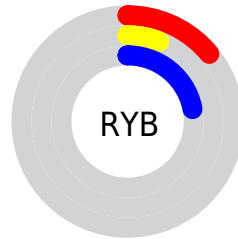
The Hex color **230F38** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **24380F**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **523A67**, and **000009** is the 20% darker color. If you saturate the color by 10%, you get **200938**, and if you desaturate by 10%, it is **261538**.

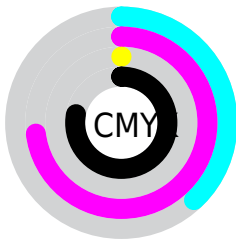
Distribution



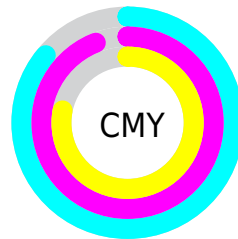
- Red (14%)
- Green (6%)
- Blue (22%)



- Red (14%)
- Yellow (6%)
- Blue (22%)



- Cyan (38%)
- Magenta (73%)
- Yellow (0%)
- Black (78%)



- Cyan (86%)
- Magenta (94%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 230F38 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 230F38 by changing the saturation by 10% instead.


 230F38

 230F38

 FFF0FF

 0E0023

 523A67

 000009

 6A5181

 000000

 846A9B

 9E83B6

 BA9DD1

 D6B8EE

 F2D4FF

 230F38

 230F38

■ 200938

■ 261538

■ 1D0438

■ 291A38

■ 1B0038

■ 2C2038

■ 2E2538

■ 312B38

■ 343138

■ 373638

■ 3A3C38

■ 3D4138

Harmonies

Analogous

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



001942



230F38



360226

Triad

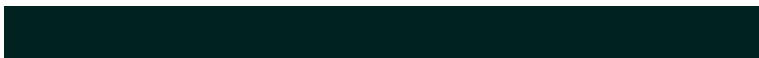
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230F38



2B1400



002321

Complementary

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



230F38



24380F

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.



002308



230F38



1A1B00

Square

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



230F38



380800



002000



002234

Rectangle

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



230F38



3B0019



002000



00231A

Sweetspot

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



230F38



423A4A



0F2438



211C26



A6A6A6



262626

Same Dimension

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



230F38



29094A



370F38



1B191C



2D005C



6B00DB

Inverse Universe

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



380F24



4A092A



10380F



1C191B



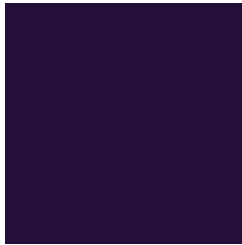
5C002F



DB0070

Previews

White Background



This preview shows how the Hex color 230F38 looks on a white background.

Color Contrast Check

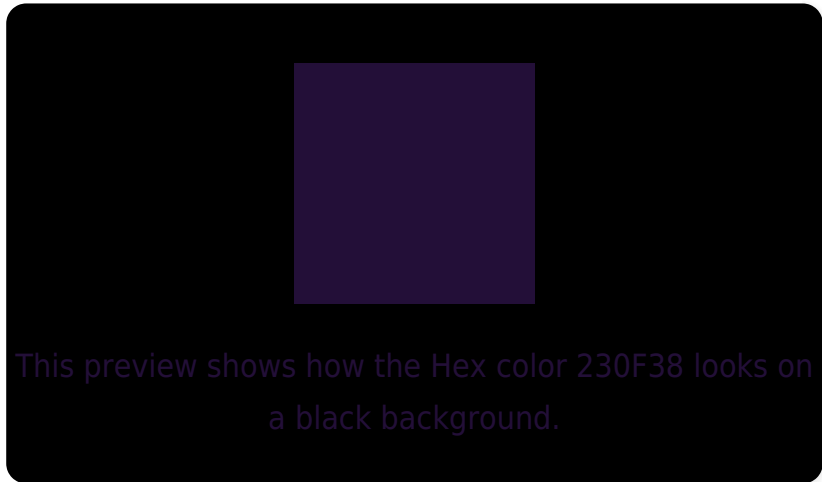
Large Text (above 18pt) WCAG AA ✓ Pass

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

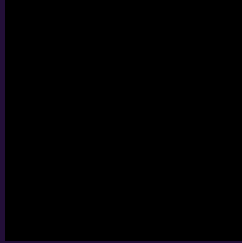
Any Text WCAG AA × Fail

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 230F38 Background



This preview shows how black text looks on a background with the Hex color 230F38.



This preview shows how white text looks on a background with the Hex color 230F38.

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
230F38

Protanopia
001936

Deuteranopia
001B2F



Tritanopia
1D191B

Trichromacy



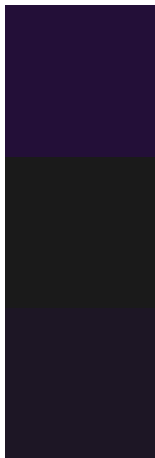
Original Color
230F38

Protanomaly
0D1537

Deuteranomaly
0D1732

Tritanomaly
1F1526

Monochromacy



Original Color
230F38

Achromatopsia
1A1A1A

Achromatomaly
1D1625

CSS Examples

Text

The CSS property to change the color of the text to Hex 230F38 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 #230F38 looks like.

```
.text, #text, p{  
    color:#230F38  
}
```

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 #230F38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #230F38
}
```

Border

The CSS property to change the border of an element to Hex 230F38 is called "border". The border property can be set on classes, ids or directly on the HTML element.

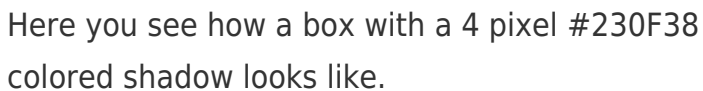
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#230F38 }
```

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

```
.border{ border-color:#230F38 }
```

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



Here you see how a box with a 4 pixel #230F38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #230F38; -webkit-box-shadow:4px 4px  
4px 4px #230F38; box-shadow:4px 4px 4px  
4px #230F38 }
```

Background

The CSS property to change the background color of an element to Hex 230F38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#230F38 }
```

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

```
.background{ background-color:#230F38 }
```

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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