

Converting Colors

Hex(230F25)

Have a look what the booklet for
Hex(230F25) contains.

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Color

Hex(230F25)

Conversions

Conversions Part 1

Format	Color
Hex	230F25
RGB	35, 15, 37
RGB Percent	14%, 6%, 15%
CMY	0.8627, 0.9412, 0.8549
CMYK	0.05, 0.59, 0.00, 0.85
HSL	295°, 42%, 10%
HSV	295°, 59%, 15%
XYZ	1.1979, 0.8325, 1.8478
YIQ	23.4880, 4.8580, 11.0820

Conversions

Conversions Part 2

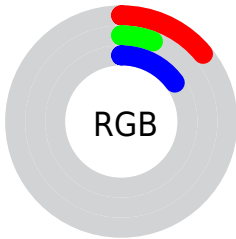
Format	Color
RYB	35, 15, 37
Decimal	2297637
CIELab	7.52, 14.98, -10.84
CIElCh	8, 18.491, 324.095
Yxy	0.8325, 0.3089, 0.2147
Android (android.graphics.Color)	4280487717 (0xFF230F25)
YUV	23.4880, 6.6614, 10.0960
Hunter-Lab	9.1244, 7.4666, -5.6200

Details

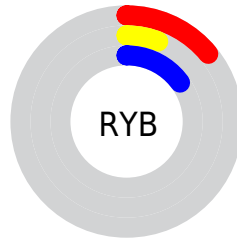
The Hex color **230F25** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **11250F**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **503952**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **230B25**, and if you desaturate by 10%, it is **231325**.

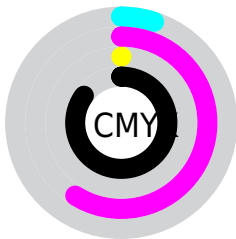
Distribution



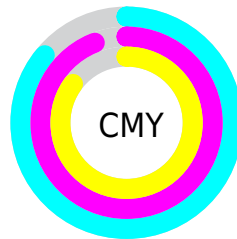
- Red (14%)
- Green (6%)
- Blue (15%)



- Red (14%)
- Yellow (6%)
- Blue (15%)



- Cyan (5%)
- Magenta (59%)
- Yellow (0%)
- Black (85%)



- Cyan (86%)
- Magenta (94%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 230F25 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 230F25 by changing the saturation by 10% instead.

 230F25

 230F25

 FFEFFF

 04000F

 503952

 000000

 69506A

 826983

 9C829D

 B79CB8

 D3B7D4

 EFD3F0

 230F25

 230F25

■ 230B25

■ 231325

■ 220825

■ 241625

■ 220425

■ 241A25

■ 220025

■ 241E25

■ 252225

■ 252525

■ 252925

■ 262D25

■ 263025

Harmonies

Analogous

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



12142D



230F25



2B0B1A

Triad

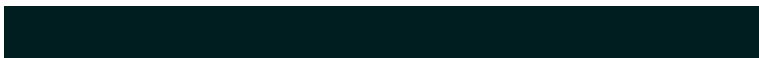
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230F25



201500



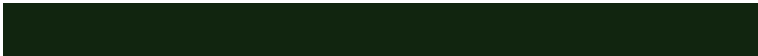
001D20

Complementary

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



230F25



11250F

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.



001D13



230F25



141900

Square

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



230F25



291000



011C00



001C2A

Rectangle

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



230F25



2D0B10



011C00



001E1C

Sweetspot

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



230F25



302830



0F1125



19141A



999999



1A1A1A

Same Dimension

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



230F25



2D0E30



250F1C



121012



4A0052



BE00D1

Inverse Universe

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



250F11



300E11



0F2518



121010



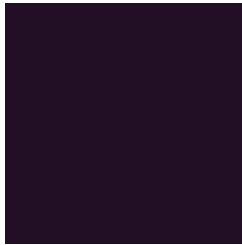
520007



D10013

Previews

White Background



This preview shows how the Hex color 230F25 looks on a white background.

Color Contrast Check

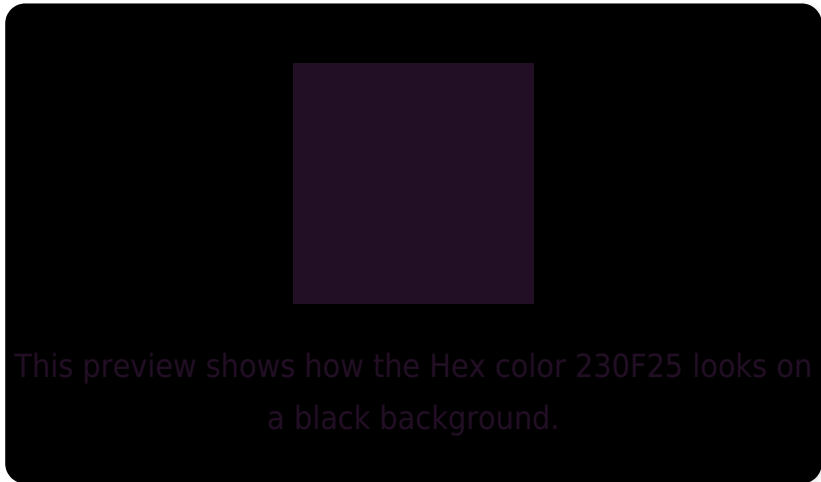
Large Text (above 18pt) WCAG AA ✓ Pass

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

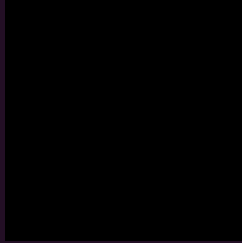
Any Text WCAG AA × Fail

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 230F25 Background



This preview shows how black text looks on a background with the Hex color 230F25.



This preview shows how white text looks on a background with the Hex color 230F25.

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](#).

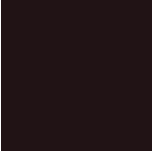
Dichromacy



Original Color
230F25

Protanopia
0C172C

Deuteranopia
121724



Tritanopia
211315

Trichromacy



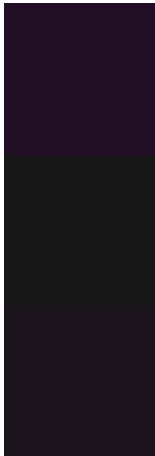
Original Color
230F25

Protanomaly
141429

Deuteranomaly
181424

Tritanomaly
22121B

Monochromacy



Original Color
230F25

Achromatopsia
171717

Achromatomaly
1B141C

CSS Examples

Text

The CSS property to change the color of the text to Hex 230F25 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 #230F25 looks like.

```
.text, #text, p{  
    color:#230F25  
}
```

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 #230F25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #230F25  
}
```

Border

The CSS property to change the border of an element to Hex 230F25 is called "border". The border property can be set on classes, ids or directly on the HTML element.

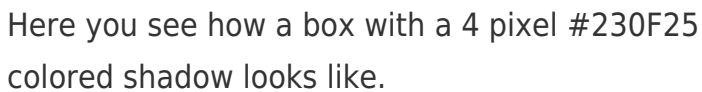
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#230F25 }
```

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

```
.border{ border-color:#230F25 }
```

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



Here you see how a box with a 4 pixel #230F25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #230F25; -webkit-box-shadow:4px 4px  
4px 4px #230F25; box-shadow:4px 4px 4px  
4px #230F25 }
```

Background

The CSS property to change the background color of an element to Hex 230F25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#230F25 }
```

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

```
.background{ background-color:#230F25 }
```

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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