

Converting Colors

Hex(1F230C)

Have a look what the booklet for
Hex(1F230C) contains.

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Color

Hex(1F230C)

Conversions

Conversions Part 1

Format	Color
Hex	1F230C
RGB	31, 35, 12
RGB Percent	12%, 14%, 5%
CMY	0.8784, 0.8627, 0.9529
CMYK	0.11, 0.00, 0.66, 0.86
HSL	70°, 49%, 9%
HSV	70°, 66%, 14%
XYZ	1.2325, 1.5199, 0.5762
YIQ	31.1820, 4.9990, -8.0010

Conversions

Conversions Part 2

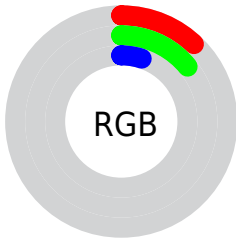
Format	Color
RYB	12, 35, 16
Decimal	2040588
CIELab	12.73, -6.39, 13.71
CIELCh	13, 15.128, 114.974
Yxy	1.5199, 0.3703, 0.4566
Android (android.graphics.Color)	4280230668 (0xFF1F230C)
YUV	31.1820, -9.4567, -0.1596
Hunter-Lab	12.3285, -3.7304, 5.8587

Details

The Hex color **1F230C** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **100C23**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **4B4F37**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1E2309**, and if you desaturate by 10%, it is **202310**.

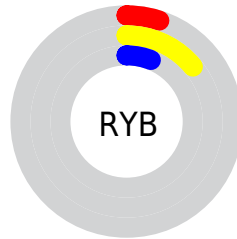
Distribution



Red (12%)

Green (14%)

Blue (5%)



Red (5%)

Yellow (14%)

Blue (6%)

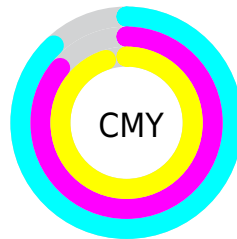


Cyan (11%)

Magenta (0%)

Yellow (66%)

Black (86%)



Cyan (88%)

Magenta (86%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F230C 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 1F230C by changing the saturation by 10% instead.

■ 1F230C

■ 1F230C

■ FFFFEC

■ 000E00

■ 4B4F37

■ 000000

■ 63674E

■ 7C8066

■ 969A7F

■ B1B599

■ CCD1B4

■ E9EDD0

■ 1F230C

■ 1F230C

■ 1E2309

■ 202310

■ 1E2305

■ 202313

■ 1D2302

■ 212317

■ 1D2300

■ 21231A

■ 22231E

■ 232321

■ 232325

■ 242328

■ 24232C

Harmonies

Analogous

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



292009



1F230C



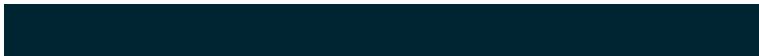
122515

Triad

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



1F230C



002532



341923

Complementary

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



1F230C



100C23

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.



2C1B2D



1F230C



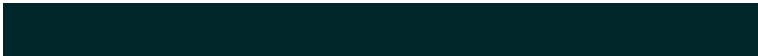
0C2336

Square

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



1F230C



002629



1F1F34



351919

Rectangle

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



1F230C



08261B



1F1F34



321927

Sweetspot

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



1F230C



2C2E25



23100C



161711



969696



171717

Same Dimension

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



1F230C



282E0A



14230C



121210



435200



ADD100

Inverse Universe

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



100C23



100A2E



1B0C23



101012



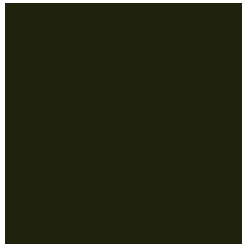
0E0052



2400D1

Previews

White Background



This preview shows how the Hex color 1F230C looks on a white background.

Color Contrast Check

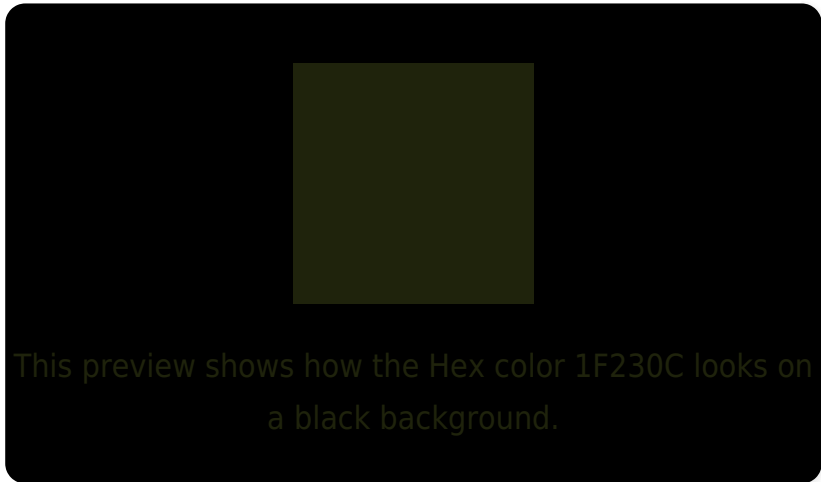
Large Text (above 18pt) WCAG AA ✓ Pass

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

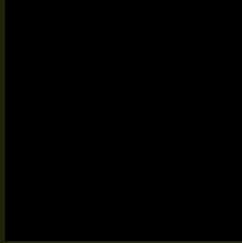
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

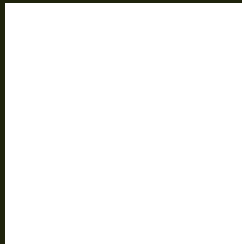
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 1F230C Background



This preview shows how black text looks on a background with the Hex color 1F230C.

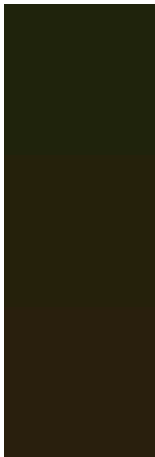


This preview shows how white text looks on a background with the Hex color 1F230C.

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

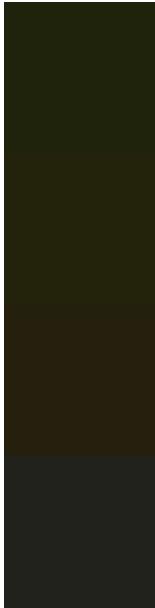


Original Color
1F230C

Protanopia
25210B

Deuteranopia
291F0D

Trichromacy



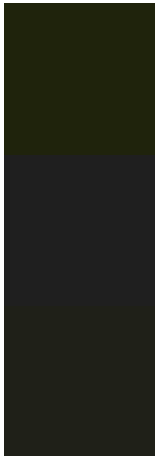
Original Color
1F230C

Protanomaly
23220B

Deuteranomaly
25200D

Tritanomaly
20221B

Monochromacy



Original Color
1F230C

Achromatopsia
1F1F1F

Achromatomaly
1F2018

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F230C 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 #1F230C looks like.

```
.text, #text, p{  
    color:#1F230C  
}
```

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 #1F230C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F230C
}
```

Border

The CSS property to change the border of an element to Hex 1F230C is called "border". The border property can be set on classes, ids or directly on the HTML element.

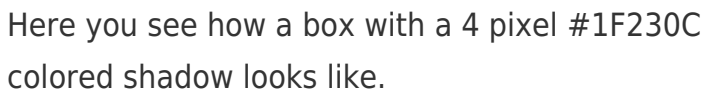
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1F230C }
```

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

```
.border{ border-color:#1F230C }
```

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



Here you see how a box with a 4 pixel #1F230C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F230C; -webkit-box-shadow:4px 4px  
4px 4px #1F230C; box-shadow:4px 4px 4px  
4px #1F230C }
```

Background

The CSS property to change the background color of an element to Hex 1F230C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F230C }
```

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

```
.background{ background-color:#1F230C }
```

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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