

Converting Colors

Hex(023F23)

Have a look what the booklet for
Hex(023F23) contains.

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Color

Hex(023F23)

Conversions

Conversions Part 1

Format	Color
Hex	023F23
RGB	2, 63, 35
RGB Percent	1%, 25%, 14%
CMY	0.9922, 0.7529, 0.8627
CMYK	0.97, 0.00, 0.44, 0.75
HSL	152°, 94%, 13%
HSV	152°, 97%, 25%
XYZ	2.1059, 3.6893, 2.1912
YIQ	41.5690, -27.3680, -21.6400

Conversions

Conversions Part 2

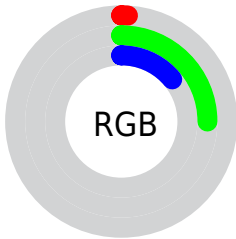
Format	Color
R_YB	2, 42, 63
Decimal	147235
CIE _L ab	22.62, -26.02, 12.18
CIE _L Ch	23, 28.726, 154.914
Yxy	3.6893, 0.2637, 0.4619
Android (android.graphics.Color)	4278337315 (0xFF023F23)
YUV	41.5690, -3.2385, -34.7020
Hunter-Lab	19.2075, -14.0423, 6.6813

Details

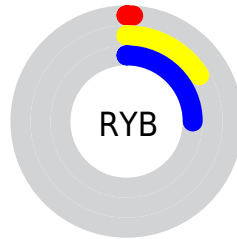
The Hex color **023F23** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3F021E**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **396F50**, and **001100** is the 20% darker color. If you saturate the color by 10%, you get **003F22**, and if you desaturate by 10%, it is **083F26**.

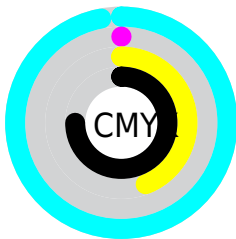
Distribution



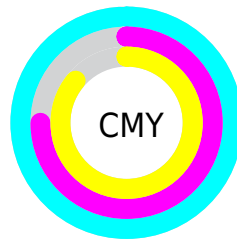
- Red (1%)
- Green (25%)
- Blue (14%)



- Red (1%)
- Yellow (16%)
- Blue (25%)



- Cyan (97%)
- Magenta (0%)
- Yellow (44%)
- Black (75%)



- Cyan (99%)
- Magenta (75%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 023F23 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 023F23 by changing the saturation by 10% instead.

 023F23

 023F23

 F5FFFF

 00290E

 396F50

 001100

 528968

 000000

 6CA481

 86BF9B

 A1DBB6

 BCF7D2

 D8FFEE

 023F23

 023F23

■ 003F22

■ 083F26

■ 0F3F29

■ 153F2C

■ 1B3F2F

■ 223F31

■ 283F34

■ 2E3F37

■ 343F3A

■ 3B3F3D

Harmonies

Analogous

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



283C10



023F23



004039

Triad

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



023F23



0B3761



5B261F

Complementary

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



023F23



3F021E

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.



5D2233



023F23



3B2F59

Square

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



023F23



003D5D



532649



502E0E

Rectangle

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



023F23



004047



532649



5C2425

Sweetspot

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



023F23



3A5247



1E3F02



1B2922



A8A8A8



292929

Same Dimension

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



023F23



00522C



023D3F



1C1F1D



005E33



00DE78

Inverse Universe

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



3F021E



520025



3F0402



1F1C1D



5E002B



DE0066

Previews

White Background



This preview shows how the Hex color 023F23 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

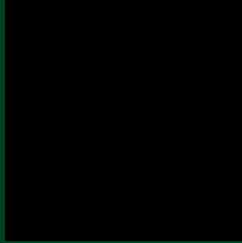
Any Text WCAG AA × Fail

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 023F23 Background



This preview shows how black text looks on a background with the Hex color 023F23.



This preview shows how white text looks on a background with the Hex color 023F23.

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
023F23

Protanopia
3C3620

Deuteranopia
413426



Tritanopia
173C40

Trichromacy



Original Color
023F23

Protanomaly
273921

Deuteranomaly
2A3825

Tritanomaly
0F3D35

Monochromacy



Original Color
023F23

Achromatopsia
2A2A2A

Achromatomaly
1B3227

CSS Examples

Text

The CSS property to change the color of the text to Hex 023F23 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 #023F23 looks like.

```
.text, #text, p{  
    color:#023F23  
}
```

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 #023F23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #023F23
}
```

Border

The CSS property to change the border of an element to Hex 023F23 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
#023F23 }
```

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

```
.border{ border-color:#023F23 }
```

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

Here you see how a box with a 4 pixel #023F23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #023F23; -webkit-box-shadow:4px 4px  
4px 4px #023F23; box-shadow:4px 4px 4px  
4px #023F23 }
```

Background

The CSS property to change the background color of an element to Hex 023F23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#023F23 }
```

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

```
.background{ background-color:#023F23 }
```

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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