

Converting Colors

Hex(1F3A23)

Have a look what the booklet for
Hex(1F3A23) contains.

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Color

Hex(1F3A23)

Conversions

Conversions Part 1

Format	Color
Hex	1F3A23
RGB	31, 58, 35
RGB Percent	12%, 23%, 14%
CMY	0.8784, 0.7725, 0.8627
CMYK	0.47, 0.00, 0.40, 0.77
HSL	129°, 30%, 17%
HSV	129°, 47%, 23%
XYZ	2.3815, 3.4388, 2.1283
YIQ	47.3050, -8.7090, -12.8770

Conversions

Conversions Part 2

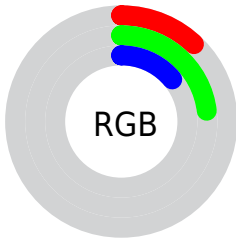
Format	Color
R_{YB}	31, 55, 58
Decimal	2046499
CIE _{Lab}	21.72, -16.28, 11.16
CIE _{LCh}	22, 19.742, 145.570
Yxy	3.4388, 0.2996, 0.4326
Android (android.graphics.Color)	4280236579 (0xFF1F3A23)
YUV	47.3050, -6.0664, -14.2995
Hunter-Lab	18.5439, -9.5280, 6.1759

Details

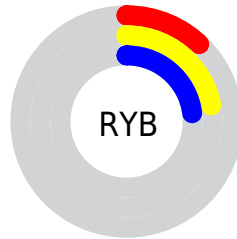
The Hex color **1F3A23** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3A1F36**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **4D6950**, and **000C00** is the 20% darker color. If you saturate the color by 10%, you get **193A1E**, and if you desaturate by 10%, it is **253A28**.

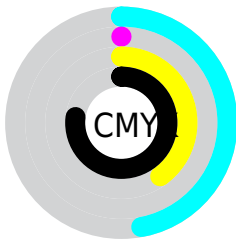
Distribution



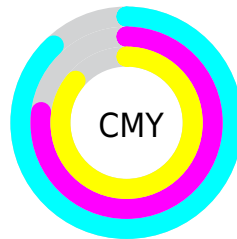
- Red (12%)
- Green (23%)
- Blue (14%)



- Red (12%)
- Yellow (22%)
- Blue (23%)



- Cyan (47%)
- Magenta (0%)
- Yellow (40%)
- Black (77%)



- Cyan (88%)
- Magenta (77%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F3A23 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 1F3A23 by changing the saturation by 10% instead.

■ 1F3A23

■ 1F3A23

FFFFFF

■ 0A240E

■ 4D6950

■ 000C00

■ 658368

■ 000000

■ 7E9D81

■ 98B89B

■ B3D3B6

■ CFF0D1

■ EBFFEE

■ 1F3A23

■ 1F3A23

■ 193A1E

■ 253A28

■ 133A19

■ 2B3A2D

■ 0E3A14

■ 303A32

■ 083A0F

■ 363A37

■ 023A0A

■ 3C3A3C

■ 003A09

■ 423A41

■ 483A46

■ 4D3A4B

■ 533A4F

Harmonies

Analogous

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



303719



1F3A23



063B31

Triad

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



1F3A23



173651



502928

Complementary

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



1F3A23



3A1F36

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.



4E2837



1F3A23



32314E

Square

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



1F3A23



003A4C



442C45



4A2D1C

Rectangle

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



1F3A23



003C3B



442C45



50282D

Sweetspot

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



1F3A23



424D43



363A1F



202621



A6A6A6



262626

Same Dimension

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



1F3A23



224D28



1F3A30



191C1A



005C0E



00DB20

Inverse Universe

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



3A1F36



4D2246



3A1F29



1C191C



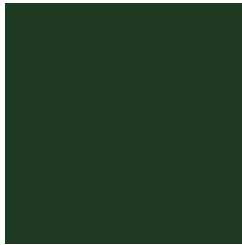
5C004E



DB00BB

Previews

White Background



This preview shows how the Hex color 1F3A23 looks on a white background.

Color Contrast Check

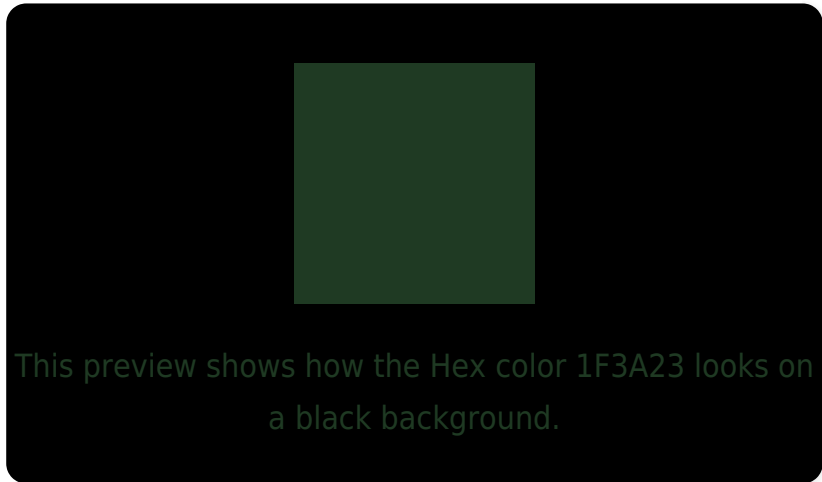
Large Text (above 18pt) WCAG AA ✓ Pass

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

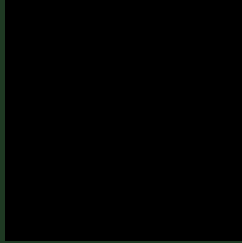
Any Text WCAG AA × Fail

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 1F3A23 Background



This preview shows how black text looks on a background with the Hex color 1F3A23.



This preview shows how white text looks on a background with the Hex color 1F3A23.

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
1F3A23

Protanopia
393421

Deuteranopia
3E3225



Tritanopia
24373C

Trichromacy



Original Color
1F3A23

Protanomaly
303622

Deuteranomaly
333524

Tritanomaly
223833

Monochromacy



Original Color
1F3A23

Achromatopsia
2F2F2F

Achromatomaly
29332B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F3A23 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 #1F3A23 looks like.

```
.text, #text, p{  
    color:#1F3A23  
}
```

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 #1F3A23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F3A23
}
```

Border

The CSS property to change the border of an element to Hex 1F3A23 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".

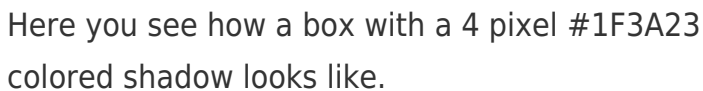
```
.border, #border, table{ border:4px solid
#1F3A23 }
```

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

```
.border{ border-color:#1F3A23 }
```

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

Here you see how a box with a 4 pixel #1F3A23 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F3A23; -webkit-box-shadow:4px 4px  
4px 4px #1F3A23; box-shadow:4px 4px 4px  
4px #1F3A23 }
```

Background

The CSS property to change the background color of an element to Hex 1F3A23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F3A23 }
```

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

```
.background{ background-color:#1F3A23 }
```

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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