

Converting Colors

Hex(23472F)

Have a look what the booklet for
Hex(23472F) contains.

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Color

Hex(23472F)

Conversions

Conversions Part 1

Format	Color
Hex	23472F
RGB	35, 71, 47
RGB Percent	14%, 28%, 18%
CMY	0.8627, 0.7216, 0.8157
CMYK	0.51, 0.00, 0.34, 0.72
HSL	140°, 34%, 21%
HSV	140°, 51%, 28%
XYZ	3.4595, 5.0690, 3.4854
YIQ	57.5000, -13.7520, -15.0960

Conversions

Conversions Part 2

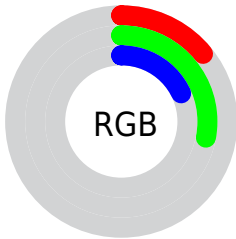
Format	Color
R_{YB}	35, 62, 71
Decimal	2311983
CIE _{Lab}	26.93, -19.34, 10.52
CIE _{LCh}	27, 22.017, 151.472
Yxy	5.0690, 0.2880, 0.4219
Android (android.graphics.Color)	4280502063 (0xFF23472F)
YUV	57.5000, -5.1765, -19.7325
Hunter-Lab	22.5145, -11.9730, 6.5816

Details

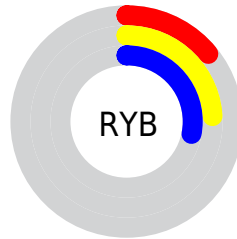
The Hex color **23472F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **47233B**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **52785D**, and **001C00** is the 20% darker color. If you saturate the color by 10%, you get **1C472A**, and if you desaturate by 10%, it is **2A4734**.

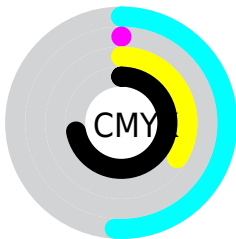
Distribution



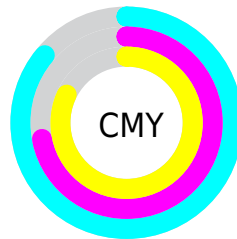
- Red (14%)
- Green (28%)
- Blue (18%)



- Red (14%)
- Yellow (24%)
- Blue (28%)



- Cyan (51%)
- Magenta (0%)
- Yellow (34%)
- Black (72%)



- Cyan (86%)
- Magenta (72%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23472F 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 23472F by changing the saturation by 10% instead.

 23472F

 23472F

FFFFFF

 0C301A

 52785D

 001C00

 6B9276

 000000

 85AC8F

 9FC8AA

 BAE4C5

 D6FFE1

 F3FFFE

 23472F

 23472F

■ 1C472A

■ 2A4734

■ 154726

■ 314738

■ 0E4721

■ 38473D

■ 07471C

■ 3F4742

■ 004718

■ 474747

■ 4E474B

■ 554750

■ 5C4755

■ 63475A

Harmonies

Analogous

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



384422



23472F



024840

Triad

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



23472F



264161



5F342F

Complementary

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



23472F



47233B

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.



5F323F



23472F



423B5C

Square

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



23472F



00465D



553550



573922

Rectangle

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



23472F



00484B



553550



603334

Sweetspot

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



23472F



4E5C53



3B4723



262E28



ADADAD



2E2E2E

Same Dimension

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



23472F



245C36



234741



202421



006321



00E34C

Inverse Universe

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



47233B



5C2449



472329



242023



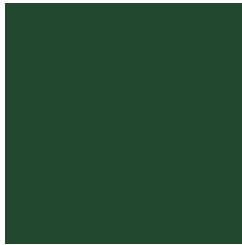
630042



E30097

Previews

White Background



This preview shows how the Hex color 23472F looks on a white background.

Color Contrast Check

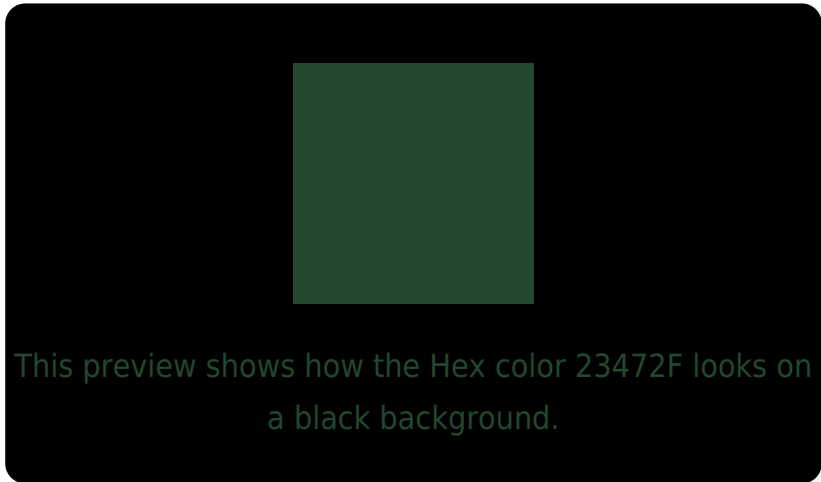
Large Text (above 18pt) WCAG AA ✓ Pass

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

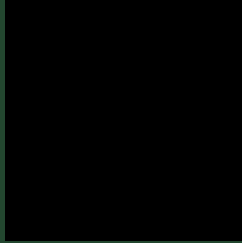
Any Text WCAG AA × Fail

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 23472F Background



This preview shows how black text looks on a background with the Hex color 23472F.



This preview shows how white text looks on a background with the Hex color 23472F.

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](#).

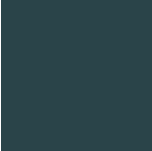
Dichromacy



Original Color
23472F

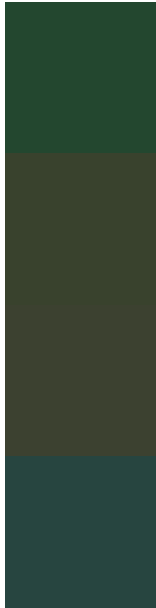
Protanopia
453F2C

Deuteranopia
4A3D31



Tritanopia
2A4449

Trichromacy



Original Color
23472F

Protanomaly
39422D

Deuteranomaly
3C4130

Tritanomaly
274540

Monochromacy



Original Color
23472F

Achromatopsia
3A3A3A

Achromatomaly
323F36

CSS Examples

Text

The CSS property to change the color of the text to Hex 23472F 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 #23472F looks like.

```
.text, #text, p{  
    color:#23472F  
}
```

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 #23472F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23472F
}
```

Border

The CSS property to change the border of an element to Hex 23472F 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
#23472F }
```

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

```
.border{ border-color:#23472F }
```

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

Here you see how a box with a 4 pixel #23472F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23472F; -webkit-box-shadow:4px 4px  
4px 4px #23472F; box-shadow:4px 4px 4px  
4px #23472F }
```

Background

The CSS property to change the background color of an element to Hex 23472F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23472F }
```

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

```
.background{ background-color:#23472F }
```

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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