

# Converting Colors

Hex(23582F)

Have a look what the booklet for  
Hex(23582F) contains.

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# Color

Hex(23582F)

# Conversions

## Conversions Part 1

Format	Color
Hex	23582F
RGB	35, 88, 47
RGB Percent	14%, 35%, 18%
CMY	0.8627, 0.6549, 0.8157
CMYK	0.60, 0.00, 0.47, 0.65
HSL	134°, 43%, 24%
HSV	134°, 60%, 35%
XYZ	4.6959, 7.5420, 3.8976
YIQ	67.4790, -18.4270, -23.9870

# Conversions

## Conversions Part 2

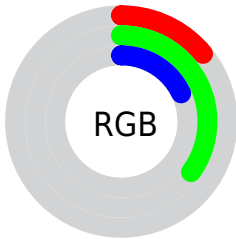
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	35, 78, 88
Decimal	2316335
CIE <sub>Lab</sub>	33.01, -27.78, 18.59
CIE <sub>LCh</sub>	33, 33.425, 146.216
Yxy	7.5420, 0.2910, 0.4674
Android (android.graphics.Color)	4280506415 (0xFF23582F)
YUV	67.4790, -10.0961, -28.4841
Hunter-Lab	27.4627, -17.5374, 10.8093

# Details

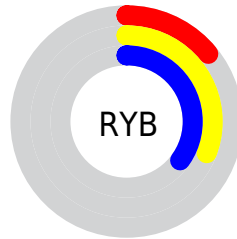
The Hex color **23582F** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **58234C**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **558B5E**, and **002A00** is the 20% darker color. If you saturate the color by 10%, you get **1A5828**, and if you desaturate by 10%, it is **2C5836**.

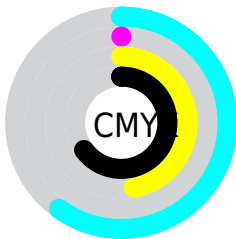
# Distribution



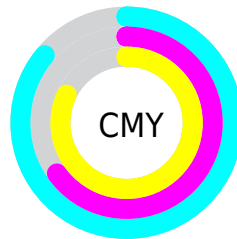
- Red (14%)
- Green (35%)
- Blue (18%)



- Red (14%)
- Yellow (31%)
- Blue (35%)



- Cyan (60%)
- Magenta (0%)
- Yellow (47%)
- Black (65%)



- Cyan (86%)
- Magenta (65%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 23582F 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 23582F by changing the saturation by 10% instead.



 23582F

 23582F

FFFFFF

 064019

 558B5E

 002A00

 6FA576

 001200

 89C090

 000000

 A4DCAB

 BFF9C6

 DCFE2

 F9FFFF

 23582F

 23582F

■ 1A5828

■ 2C5836

■ 115821

■ 35583D

■ 09581B

■ 3D5843

■ 005814

■ 46584A

■ 4F5851

■ 585858

■ 61585F

■ 695865

■ 72586C

# Harmonies

## Analogous

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



45531B



23582F



005A49

# Triad

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



23582F



005282



7E3838

# Complementary

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



23582F



58234C

# 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.



7C3652



23582F



49487D

# Square

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



23582F



005879



6B3D6B



734122

# Rectangle

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



23582F



005B5C



6B3D6B



7E3740



# Sweetspot

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



23582F



5E7363



4D5823



2E3B31



BABABA



3B3B3B



# Same Dimension

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



23582F



207333



235849



272B28



006B18



00EB35



# Inverse Universe

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



58234C



732060



582332



2B272A



6B0053

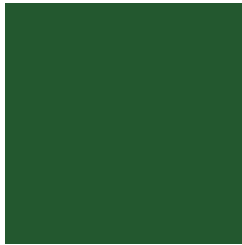


EB00B5



# Previews

## White Background



This preview shows how the Hex color 23582F looks on a white background.

## Color Contrast Check

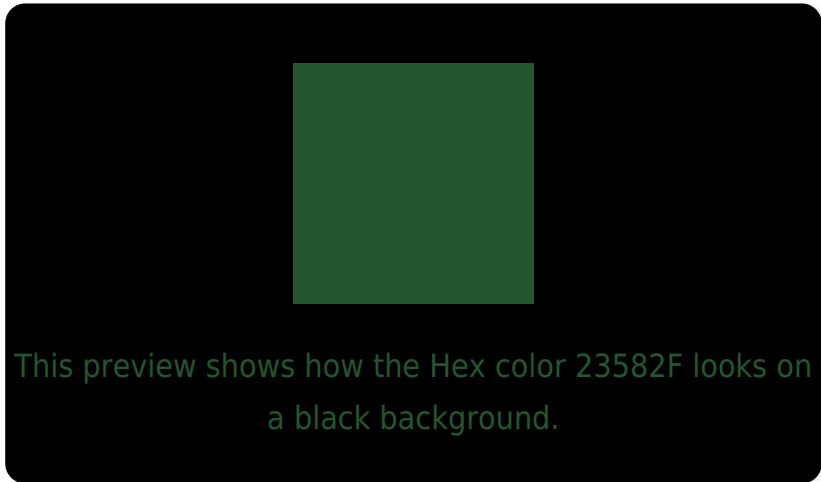
Large Text (above 18pt) WCAG AA ✓ Pass

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

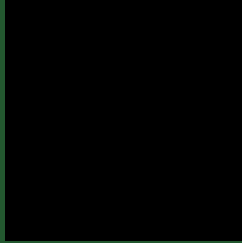
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 23582F Background



This preview shows how black text looks on a background with the Hex color 23582F.



This preview shows how white text looks on a background with the Hex color 23582F.

# 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**  
23582F

**Protanopia**  
554D2B

**Deuteranopia**  
5D4A32



# Trichromacy



**Original Color**  
23582F

**Protanomaly**  
43512C

**Deuteranomaly**  
484F31

**Tritanomaly**  
2B554A

# Monochromacy



**Original Color**  
23582F

**Achromatopsia**  
434343

**Achromatomaly**  
374B3C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 23582F 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 #23582F looks like.

```
.text, #text, p{  
    color:#23582F  
}
```

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 #23582F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23582F
}
```

## Border

The CSS property to change the border of an element to Hex 23582F 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
#23582F }
```

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

```
.border{ border-color:#23582F }
```

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

Here you see how a box with a 4 pixel #23582F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23582F; -webkit-box-shadow:4px 4px  
4px 4px #23582F; box-shadow:4px 4px 4px  
4px #23582F }
```

# Background

The CSS property to change the background color of an element to Hex 23582F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23582F }
```

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

```
.background{ background-color:#23582F }
```

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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