

# Converting Colors

Hex(23582D)

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

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# Color

**Hex(23582D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	23582D
RGB	35, 88, 45
RGB Percent	14%, 35%, 18%
CMY	0.8627, 0.6549, 0.8235
CMYK	0.60, 0.00, 0.49, 0.65
HSL	131°, 43%, 24%
HSV	131°, 60%, 35%
XYZ	4.6565, 7.5262, 3.6899
YIQ	67.2510, -17.7850, -24.6090

# Conversions

## Conversions Part 2

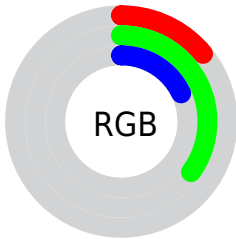
Format	Color
<b>RYB</b>	35, 80, 88
Decimal	2316333
CIELab	32.98, -28.15, 19.72
CIELCh	33, 34.369, 144.986
Yxy	7.5262, 0.2934, 0.4742
Android (android.graphics.Color)	4280506413 (0xFF23582D)
YUV	67.2510, -10.9697, -28.2841
Hunter-Lab	27.4340, -17.7117, 11.2292

# Details

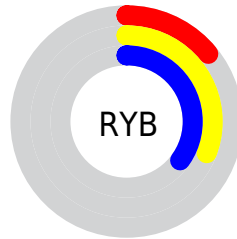
The Hex color **23582D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **58234E**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **558B5C**, and **002A00** is the 20% darker color. If you saturate the color by 10%, you get **1A5826**, and if you desaturate by 10%, it is **2C5834**.

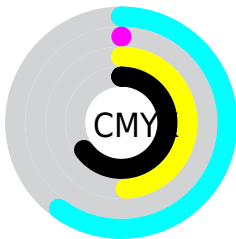
# Distribution



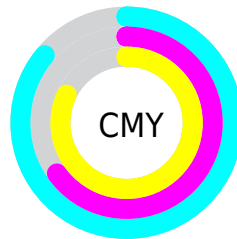
- Red (14%)
- Green (35%)
- Blue (18%)



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



- Cyan (60%)
- Magenta (0%)
- Yellow (49%)
- Black (65%)



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

# Brightness & Saturation Gradients

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



 23582D

 23582D

FFFFFF

 064017

 558B5C

 002A00

 6FA574

 001200

 89C08E

 000000

 A4DCA9

 C0F9C4

 DCFE0

 F9FFFD

 23582D

 23582D

■ 1A5826

■ 2C5834

■ 11581F

■ 35583B

■ 095818

■ 3D5842

■ 005811

■ 46584A

■ 4F5851

■ 585858

■ 61585F

■ 695866

■ 72586D

# Harmonies

## Analogous

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



465319



23582D



005B48

# Triad

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



23582D



005284



7F3738

# Complementary

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



23582D



58234E

# 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.



7C3553



23582D



47487F

# Square

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



23582D



00587A



6A3D6D



744021

# Rectangle

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



23582D



005B5B



6A3D6D



803541



# Sweetspot

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



23582D



5E7362



4E5823



2E3B30



BABABA



3B3B3B



# Same Dimension

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



23582D



207330



235847



272B28



006B14



00EB2C



# Inverse Universe

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



58234E



732063



582334



2B272B



6B0057

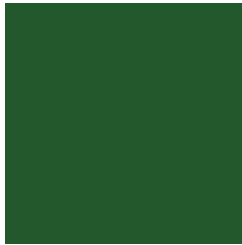


EB00BE



# Previews

## White Background



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

## Color Contrast Check

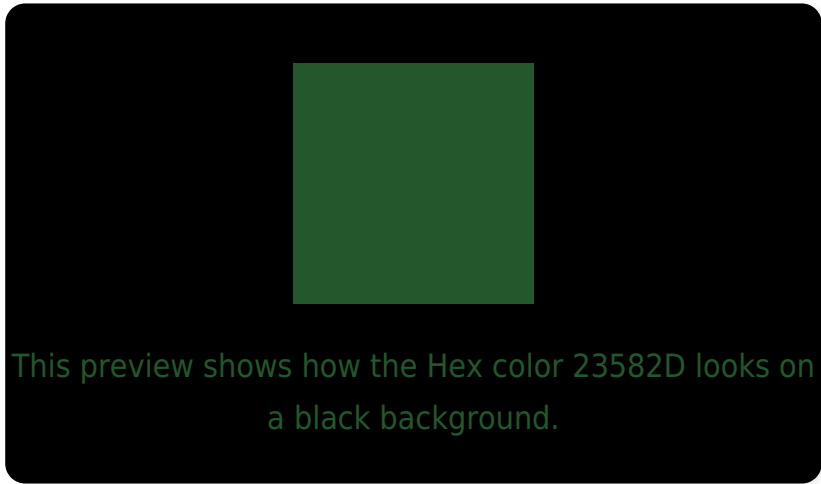
Large Text (above 18pt) WCAG AA ✓ Pass

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

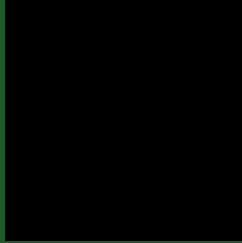
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 23582D Background



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



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

# 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](#).

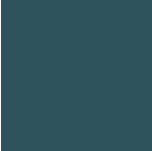
## Dichromacy



**Original Color**  
23582D

**Protanopia**  
554D29

**Deuteranopia**  
5D4A31



**Tritanopia**  
2F535A

# Trichromacy



**Original Color**  
23582D

**Protanomaly**  
43512A

**Deuteranomaly**  
484F30

**Tritanomaly**  
2B554A

# Monochromacy



**Original Color**  
23582D

**Achromatopsia**  
434343

**Achromatomaly**  
374B3B

# CSS Examples

## Text

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

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

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 #23582D colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Hex 23582D 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".

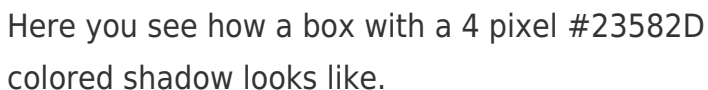
```
.border, #border, table{ border:4px solid
#23582D }
```

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

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

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

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



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

# Background

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

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

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

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

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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