

# Converting Colors

Hex(23461E)

Have a look what the booklet for  
Hex(23461E) contains.

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# Color

Hex(23461E)

# Conversions

## Conversions Part 1

Format	Color
Hex	23461E
RGB	35, 70, 30
RGB Percent	14%, 27%, 12%
CMY	0.8627, 0.7255, 0.8824
CMYK	0.50, 0.00, 0.57, 0.73
HSL	112°, 40%, 20%
HSV	112°, 57%, 27%
XYZ	3.1176, 4.8314, 1.9965
YIQ	54.9750, -8.0200, -19.8600

# Conversions

## Conversions Part 2

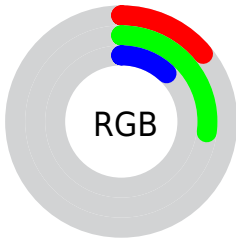
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	30, 70, 65
Decimal	2311710
CIE Lab	26.25, -22.05, 20.10
CIE LCh	26, 29.841, 137.648
Yxy	4.8314, 0.3135, 0.4858
Android (android.graphics.Color)	4280501790 (0xFF23461E)
YUV	54.9750, -12.3127, -17.5181
Hunter-Lab	21.9804, -13.1478, 10.0008

# Details

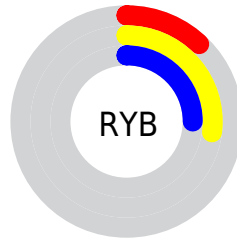
The Hex color **23461E** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **411E46**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **52774B**, and **001C00** is the 20% darker color. If you saturate the color by 10%, you get **1D4617**, and if you desaturate by 10%, it is **294625**.

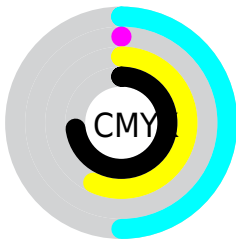
# Distribution



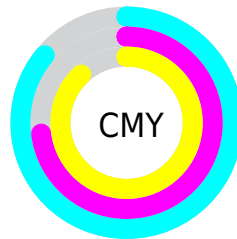
- Red (14%)
- Green (27%)
- Blue (12%)



- Red (12%)
- Yellow (27%)
- Blue (25%)



- Cyan (50%)
- Magenta (0%)
- Yellow (57%)
- Black (73%)



- Cyan (86%)
- Magenta (73%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 23461E 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 23461E by changing the saturation by 10% instead.



 23461E

 23461E

FFFFFF

 0C2F07

 52774B

 001C00

 6B9163

 000000

 85AB7C

 A0C796

 BBE3B1

 D7FFCD

 F4FFE9

 23461E

 23461E

■ 1D4617

■ 294625

■ 174610

■ 2F462C

■ 114609

■ 354633

■ 0A4602

■ 3B463A

■ 094600

■ 424641

■ 484648

■ 4E464F

■ 544656

■ 5A465D

# Harmonies

## Analogous

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



3E410F



23461E



004934

# Triad

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



23461E



00436A



682A32

# Complementary

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



23461E



411E46

# 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.



632B48



23461E



2E3C69

# Square

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



23461E



00485F



50325D



61311D

# Rectangle

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



23461E



004943



50325D



682939



# Sweetspot

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



23461E



4E5C4C



46411E



262E25



ADADAD



2E2E2E



# Same Dimension

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



23461E



245C1C



1E462D



212420



0C6300



1CE300



# Inverse Universe

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



411E46



541C5C



461E37



232024



570063

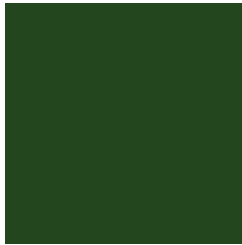


C700E3



# Previews

## White Background



This preview shows how the Hex color 23461E looks on a white background.

## Color Contrast Check

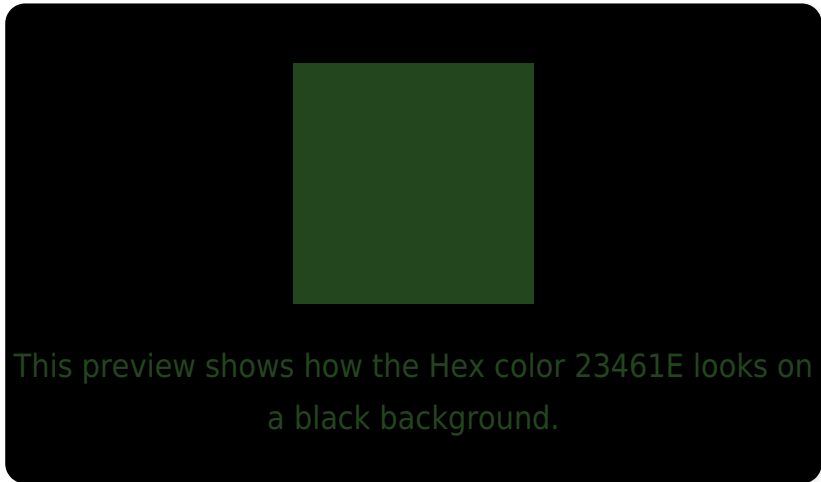
Large Text (above 18pt) WCAG AA ✓ Pass

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

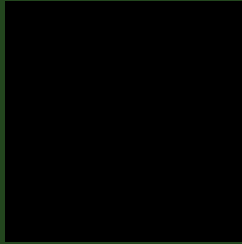
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 23461E Background



This preview shows how black text looks on a background with the Hex color 23461E.



This preview shows how white text looks on a background with the Hex color 23461E.

# 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**  
23461E

**Protanopia**  
453E1C

**Deuteranopia**  
4C3B21



**Tritanopia**  
2B4247

# Trichromacy



**Original Color**  
23461E

**Protanomaly**  
39411D

**Deuteranomaly**  
3D3F20

**Tritanomaly**  
284338

# Monochromacy



**Original Color**  
23461E

**Achromatopsia**  
373737

**Achromatomaly**  
303C2E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 23461E 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 #23461E looks like.

```
.text, #text, p{  
    color:#23461E  
}
```

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 #23461E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23461E
}
```

## Border

The CSS property to change the border of an element to Hex 23461E is called "border". The border property can be set on classes, ids or directly on the HTML element.

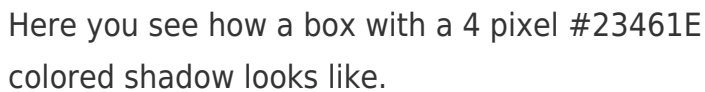
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#23461E }
```

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

```
.border{ border-color:#23461E }
```

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



Here you see how a box with a 4 pixel #23461E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23461E; -webkit-box-shadow:4px 4px  
4px 4px #23461E; box-shadow:4px 4px 4px  
4px #23461E }
```

# Background

The CSS property to change the background color of an element to Hex 23461E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23461E }
```

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

```
.background{ background-color:#23461E }
```

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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