

# Converting Colors

Hex(23602A)

Have a look what the booklet for  
Hex(23602A) contains.

<b>Hex(23602A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(23602A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	23602A
RGB	35, 96, 42
RGB Percent	14%, 38%, 16%
CMY	0.8627, 0.6235, 0.8353
CMYK	0.64, 0.00, 0.56, 0.62
HSL	127°, 47%, 26%
HSV	127°, 64%, 38%
XYZ	5.2939, 8.8902, 3.6275
YIQ	71.6050, -19.0220, -29.7260

# Conversions

## Conversions Part 2

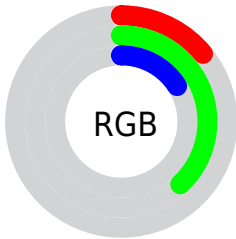
<b>Format</b>	<b>Color</b>
<b>RYB</b>	35, 90, 96
Decimal	2318378
CIELab	35.77, -32.21, 24.91
CIElCh	36, 40.715, 142.283
Yxy	8.8902, 0.2972, 0.4991
Android (android.graphics.Color)	4280508458 (0xFF23602A)
YUV	71.6050, -14.5953, -32.1026
Hunter-Lab	29.8165, -20.4862, 13.6584

# Details

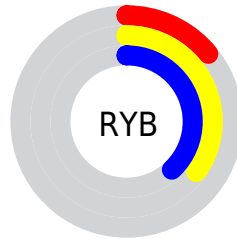
The Hex color **23602A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **602359**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **579359**, and **003100** is the 20% darker color. If you saturate the color by 10%, you get **196022**, and if you desaturate by 10%, it is **2D6032**.

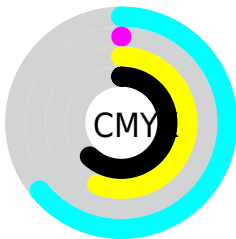
# Distribution



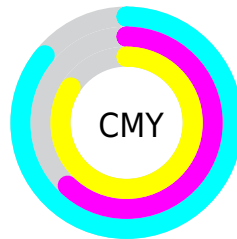
- Red (14%)
- Green (38%)
- Blue (16%)



- Red (14%)
- Yellow (35%)
- Blue (38%)



- Cyan (64%)
- Magenta (0%)
- Yellow (56%)
- Black (62%)



- Cyan (86%)
- Magenta (62%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 23602A 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 23602A by changing the saturation by 10% instead.



 23602A

 23602A

FFFFFF

 024814

 579359

 003100

 71AE72

 001D00

 8BCA8B

 000000

 A7E6A6

 C3FFC1

 DFFFDD

 FCFFFA

 23602A

 23602A

■ 196022

■ 2D6032

■ 106019

■ 36603B

■ 066011

■ 406043

■ 00600B

■ 49604C

■ 536054

■ 5D605D

■ 666065

■ 70606E

■ 796076

# Harmonies

## Analogous

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



4D5A11



23602A



00634A

# Triad

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



23602A



005A95



8F373D

# Complementary

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



23602A



602359

# 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.



8B365E



23602A



454F91

# Square

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



23602A



006187



73417C



834321

# Rectangle

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



23602A



006461



73417C



8F3548



# Sweetspot

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



23602A



657D68



5A6023



314033



BFBFBF



404040



# Same Dimension

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



23602A



1E7D29



236048



2C302C



00700D



00F01C



# Inverse Universe

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



602359



7D1E72



60233B



302C30



700063

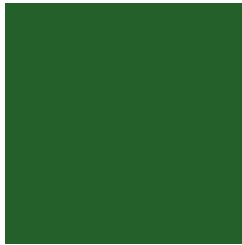


F000D4



# Previews

## White Background



This preview shows how the Hex color 23602A looks on a white background.

## Color Contrast Check

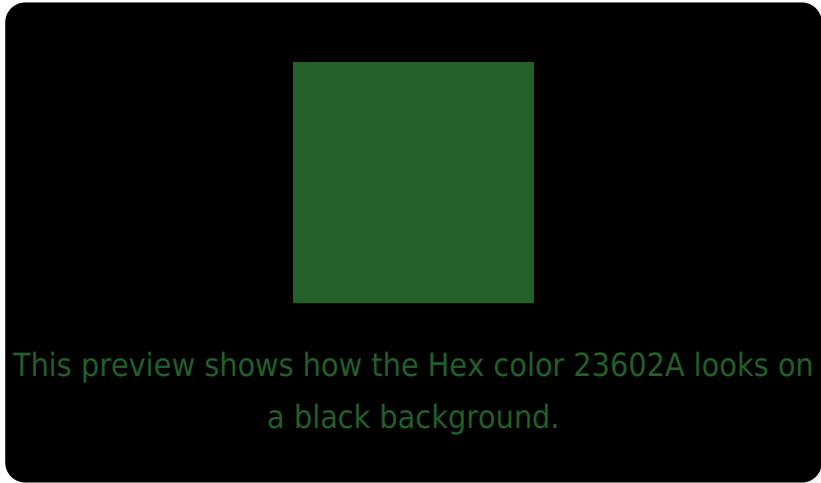
Large Text (above 18pt) WCAG AA ✓ Pass

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

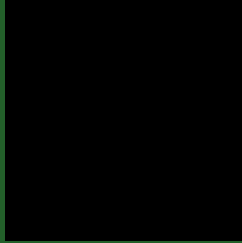
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 23602A Background



This preview shows how black text looks on a background with the Hex color 23602A.



This preview shows how white text looks on a background with the Hex color 23602A.

# 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**  
23602A

**Protanopia**  
5D5426

**Deuteranopia**  
66502E



**Tritanopia**  
325A61

# Trichromacy



**Original Color**  
23602A

**Protanomaly**  
485827

**Deuteranomaly**  
4E562D

**Tritanomaly**  
2D5C4D

# Monochromacy



**Original Color**  
23602A

**Achromatopsia**  
484848

**Achromatomaly**  
3B513D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 23602A 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 #23602A looks like.

```
.text, #text, p{  
    color:#23602A  
}
```

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 #23602A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23602A
}
```

## Border

The CSS property to change the border of an element to Hex 23602A 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
#23602A }
```

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

```
.border{ border-color:#23602A }
```

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

Here you see how a box with a 4 pixel #23602A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23602A; -webkit-box-shadow:4px 4px  
4px 4px #23602A; box-shadow:4px 4px 4px  
4px #23602A }
```

# Background

The CSS property to change the background color of an element to Hex 23602A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23602A }
```

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

```
.background{ background-color:#23602A }
```

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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