

# Converting Colors

Hex(40361A)

Have a look what the booklet for  
Hex(40361A) contains.

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# Color

**Hex(40361A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	40361A
RGB	64, 54, 26
RGB Percent	25%, 21%, 10%
CMY	0.7490, 0.7882, 0.8980
CMYK	0.00, 0.16, 0.59, 0.75
HSL	44°, 42%, 18%
HSV	44°, 59%, 25%
XYZ	3.6200, 3.8029, 1.5205
YIQ	53.7980, 14.9480, -6.5880

# Conversions

## Conversions Part 2

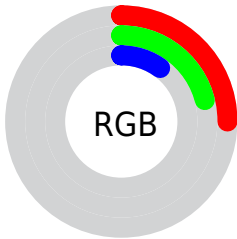
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	40, 64, 26
Decimal	4208154
CIE Lab	23.01, 0.08, 19.09
CIE LCh	23, 19.094, 89.748
Yxy	3.8029, 0.4048, 0.4252
Android (android.graphics.Color)	4282398234 (0xFF40361A)
YUV	53.7980, -13.7044, 8.9472
Hunter-Lab	19.5010, -0.9919, 9.0278

# Details

The Hex color **40361A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1A2440**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **716446**, and **100A00** is the 20% darker color. If you saturate the color by 10%, you get **403414**, and if you desaturate by 10%, it is **403820**.

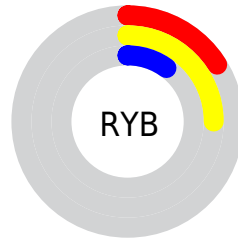
# Distribution



Red (25%)

Green (21%)

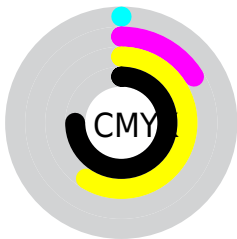
Blue (10%)



Red (16%)

Yellow (25%)

Blue (10%)

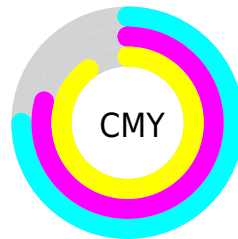


Cyan (0%)

Magenta (16%)

Yellow (59%)

Black (75%)



Cyan (75%)

Magenta (79%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 40361A 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 40361A by changing the saturation by 10% instead.





40361A



40361A

FFFFFF



2A2100



716446



100A00



8B7D5E



000000



A69777



C1B290



DDCDAB



FAEAC6



FFFFE2



40361A



40361A

■ 403414

■ 403820

■ 40330D

■ 403927

■ 403107

■ 403B2D

■ 402F00

■ 403D34

■ 403E3A

■ 404040

■ 404247

■ 40434D

■ 404554

# Harmonies

## Analogous

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



4B311F



40361A



313A1E

# Triad

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



40361A



003E45



492E45

# Complementary

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



40361A



1A2440

# 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.



383350



40361A



003C4F

# Square

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



40361A



083E36



203853



512C38

# Rectangle

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



40361A



263C24



203853



443049



# Sweetspot

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



40361A



545045



401A24



2B2922



ABABAB



2B2B2B



# Same Dimension

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



40361A



544418



37401A



21201E



614700



E0A500



# Inverse Universe

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



1A2440



182854



231A40



1E1F21



001961



003BE0



# Previews

## White Background



This preview shows how the Hex color 40361A looks on a white background.

## Color Contrast Check

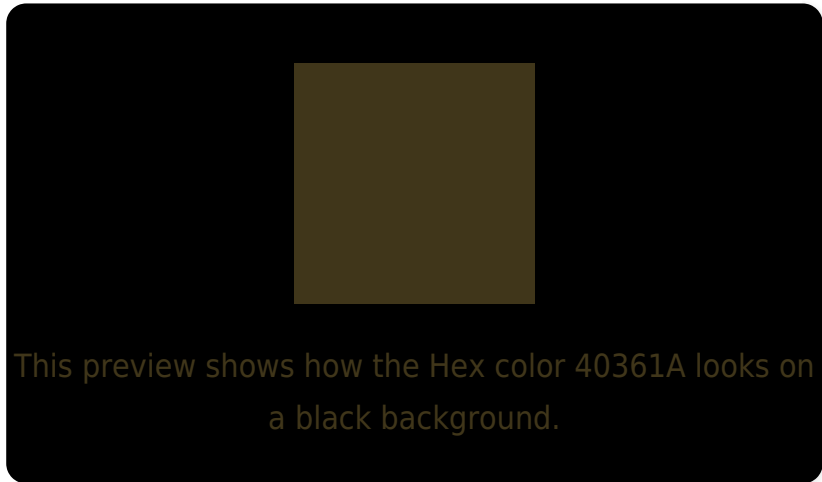
Large Text (above 18pt) WCAG AA ✓ Pass

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

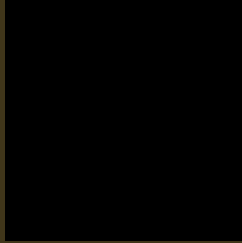
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 40361A Background



This preview shows how black text looks on a background with the Hex color 40361A.

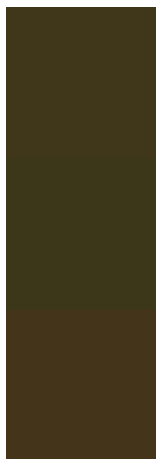


This preview shows how white text looks on a background with the Hex color 40361A.

# 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](#).

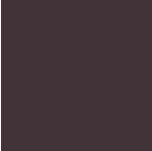
## Dichromacy



**Original Color**  
40361A

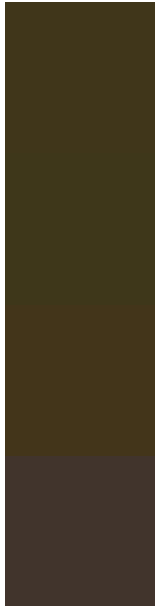
**Protanopia**  
3D371A

**Deuteranopia**  
44341A



**Tritanopia**  
423337

# Trichromacy



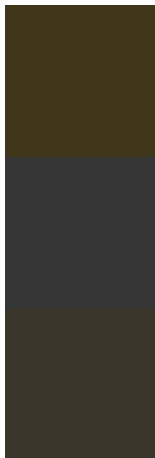
**Original Color**  
40361A

**Protanomaly**  
3E371A

**Deuteranomaly**  
43351A

**Tritanomaly**  
41342C

# Monochromacy



**Original Color**  
40361A

**Achromatopsia**  
363636

**Achromatomaly**  
3A362C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 40361A 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 #40361A looks like.

```
.text, #text, p{  
    color:#40361A  
}
```

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 #40361A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40361A
}
```

## Border

The CSS property to change the border of an element to Hex 40361A 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
#40361A }
```

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

```
.border{ border-color:#40361A }
```

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

Here you see how a box with a 4 pixel #40361A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40361A; -webkit-box-shadow:4px 4px  
4px 4px #40361A; box-shadow:4px 4px 4px  
4px #40361A }
```

# Background

The CSS property to change the background color of an element to Hex 40361A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40361A }
```

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

```
.background{ background-color:#40361A }
```

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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