

# Converting Colors

Hex(39662D)

Have a look what the booklet for  
Hex(39662D) contains.

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# Color

Hex(39662D)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	39662D
RGB	57, 102, 45
RGB Percent	22%, 40%, 18%
CMY	0.7765, 0.6000, 0.8235
CMYK	0.44, 0.00, 0.56, 0.60
HSL	107°, 39%, 29%
HSV	107°, 56%, 40%
XYZ	6.9124, 10.5621, 4.1570
YIQ	82.0470, -8.5230, -27.2670

# Conversions

## Conversions Part 2

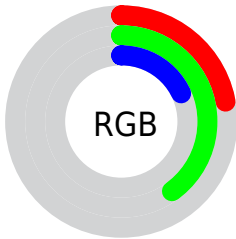
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	45, 102, 90
Decimal	3761709
CIE <sub>Lab</sub>	38.83, -27.64, 27.19
CIE <sub>LCh</sub>	39, 38.778, 135.469
Yxy	10.5621, 0.3196, 0.4883
Android (android.graphics.Color)	4281951789 (0xFF39662D)
YUV	82.0470, -18.2642, -21.9662
Hunter-Lab	32.4993, -18.9082, 15.1658

# Details

The Hex color **39662D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5A2D66**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **6B995C**, and **063600** is the 20% darker color. If you saturate the color by 10%, you get **316623**, and if you desaturate by 10%, it is **416637**.

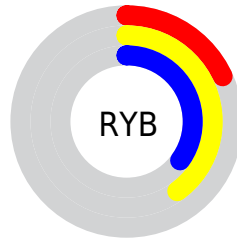
# Distribution



Red (22%)

Green (40%)

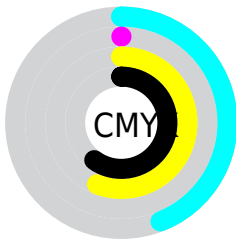
Blue (18%)



Red (18%)

Yellow (40%)

Blue (35%)

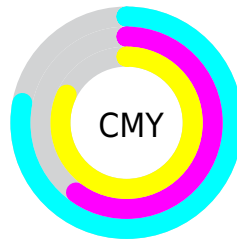


Cyan (44%)

Magenta (0%)

Yellow (56%)

Black (60%)



Cyan (78%)

Magenta (60%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 39662D 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 39662D by changing the saturation by 10% instead.



 39662D

 39662D

FFFFFF

 204E16

 6B995C

 063600

 85B475

 002200

 A0D08F

 000000


 BCECAA

 D8FFC6

 F5FFE2

 39662D

 39662D

 316623

 416637

■ 296619

■ 496641

■ 21660E

■ 51664C

■ 196604

■ 596656

■ 156600

■ 616660

■ 69666A

■ 716674

■ 79667F

■ 816689

# Harmonies

## Analogous

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



5D5F1A



39662D



006A4B

# Triad

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



39662D



006398



953F4C

# Complementary

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



39662D



5A2D66

# 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.



8D416C



39662D



405998

# Square

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



39662D



006988



724C88



8D4830

# Rectangle

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



39662D



006B60



724C88



953F57



# Sweetspot

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



39662D



73856E



665A2D



384235



C2C2C2



424242



# Same Dimension

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



39662D



3E852C



2D663D



2F332E



187300



33F200



# Inverse Universe

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



5A2D66



722C85



662D56



322E33



5B0073

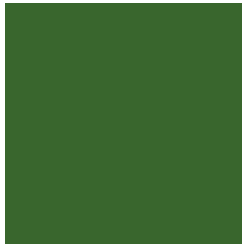


BF00F2



# Previews

## White Background



This preview shows how the Hex color 39662D looks on a white background.

## Color Contrast Check

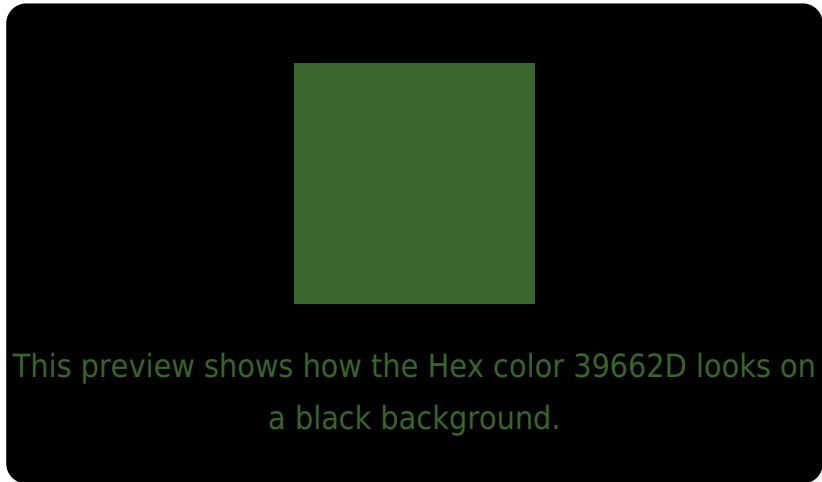
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

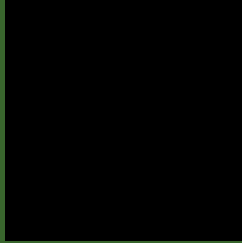
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 39662D Background



This preview shows how black text looks on a background with the Hex color 39662D.



This preview shows how white text looks on a background with the Hex color 39662D.

# 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**  
39662D

**Protanopia**  
655B2A

**Deuteranopia**  
705731



**Tritanopia**  
446068

# Trichromacy



**Original Color**  
39662D

**Protanomaly**  
555F2B

**Deuteranomaly**  
5C5C30

**Tritanomaly**  
406253

# Monochromacy



**Original Color**  
39662D

**Achromatopsia**  
525252

**Achromatomaly**  
495945

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 39662D 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 #39662D looks like.

```
.text, #text, p{  
    color:#39662D  
}
```

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 #39662D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39662D
}
```

## Border

The CSS property to change the border of an element to Hex 39662D 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
#39662D }
```

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

```
.border{ border-color:#39662D }
```

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

Here you see how a box with a 4 pixel #39662D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39662D; -webkit-box-shadow:4px 4px  
4px 4px #39662D; box-shadow:4px 4px 4px  
4px #39662D }
```

# Background

The CSS property to change the background color of an element to Hex 39662D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39662D }
```

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

```
.background{ background-color:#39662D }
```

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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