

# Converting Colors

Hex(51602D)

Have a look what the booklet for  
Hex(51602D) contains.

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**Color**

**Hex(51602D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	51602D
RGB	81, 96, 45
RGB Percent	32%, 38%, 18%
CMY	0.6824, 0.6235, 0.8235
CMYK	0.16, 0.00, 0.53, 0.62
HSL	78°, 36%, 28%
HSV	78°, 53%, 38%
XYZ	8.0499, 10.3045, 4.0473
YIQ	85.7010, 7.4310, -19.0410

# Conversions

## Conversions Part 2

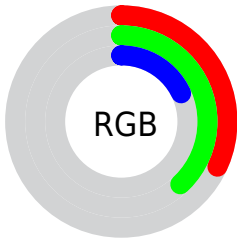
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	45, 96, 60
Decimal	5333037
CIE Lab	38.38, -14.83, 27.02
CIE LCh	38, 30.822, 118.770
Yxy	10.3045, 0.3593, 0.4600
Android (android.graphics.Color)	4283523117 (0xFF51602D)
YUV	85.7010, -20.0656, -4.1228
Hunter-Lab	32.1007, -11.4139, 14.9951

# Details

The Hex color **51602D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3C2D60**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **83935C**, and **233200** is the 20% darker color. If you saturate the color by 10%, you get **4E6023**, and if you desaturate by 10%, it is **546037**.

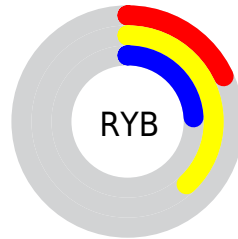
# Distribution



Red (32%)

Green (38%)

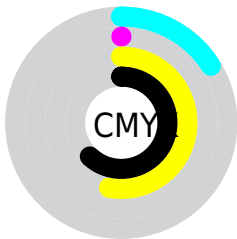
Blue (18%)



Red (18%)

Yellow (38%)

Blue (24%)

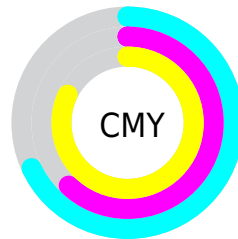


Cyan (16%)

Magenta (0%)

Yellow (53%)

Black (62%)



Cyan (68%)

Magenta (62%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 51602D 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 51602D by changing the saturation by 10% instead.



■ 51602D

■ 51602D

FFFFFF

■ 394817

■ 83935C

■ 233200

■ 9EAD75

■ 081D00

■ B9C88F

■ 000000

■ D5E5AA

■ F2FFC5

■ FFFFE1

FFFFFFE

■ 51602D

■ 51602D

■ 4E6023

■ 546037

■ 4B601A

■ 576040

■ 496010

■ 59604A

■ 466007

■ 5C6053

■ 446000

■ 5F605D

■ 626067

■ 656070

■ 68607A

■ 6A6083

# Harmonies

## Analogous

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



6A5927



51602D



326540

# Triad

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



51602D



006485



87465C

# Complementary

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



51602D



3C2D60

# 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.



784B75



51602D



2C5D8C

# Square

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



51602D



006772



5B5486



894844

# Rectangle

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



51602D



116750



5B5486



844765



# Sweetspot

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



51602D



777D69



603B2D



3C4034



BFBFBF



404040



# Same Dimension

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



51602D



657D2D



38602D



2F302C



4F7000



A9F000



# Inverse Universe

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



3C2D60



452D7D



552D60



2D2C30



210070



4600F0



# Previews

## White Background



This preview shows how the Hex color 51602D looks on a white background.

## Color Contrast Check

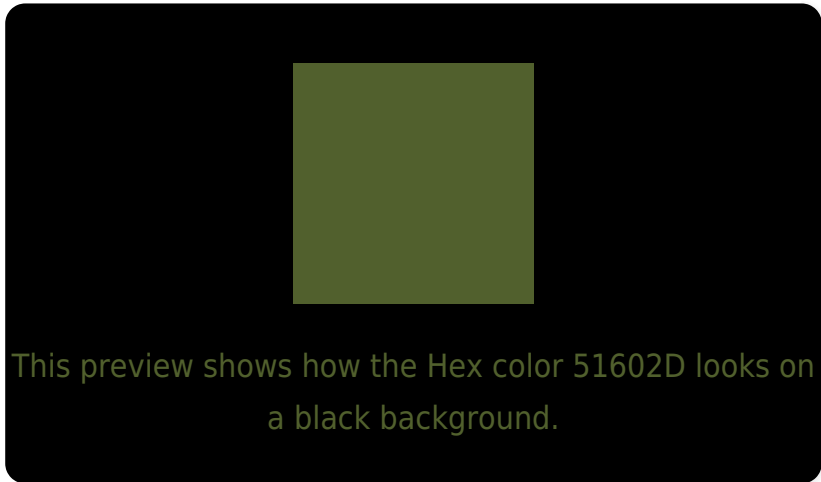
Large Text (above 18pt) WCAG AA ✓ Pass

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

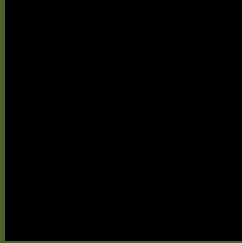
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 51602D Background



This preview shows how black text looks on a background with the Hex color 51602D.



This preview shows how white text looks on a background with the Hex color 51602D.

# 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**  
51602D

**Protanopia**  
645A2B

**Deuteranopia**  
6F5630



**Tritanopia**  
575A62

# Trichromacy



**Original Color**  
51602D

**Protanomaly**  
5D5C2C

**Deuteranomaly**  
645A2F

**Tritanomaly**  
555C4F

# Monochromacy



**Original Color**  
51602D

**Achromatopsia**  
565656

**Achromatomaly**  
545A47

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 51602D 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 #51602D looks like.

```
.text, #text, p{  
    color:#51602D  
}
```

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 #51602D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51602D
}
```

## Border

The CSS property to change the border of an element to Hex 51602D 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
#51602D }
```

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

```
.border{ border-color:#51602D }
```

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

Here you see how a box with a 4 pixel #51602D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51602D; -webkit-box-shadow:4px 4px  
4px 4px #51602D; box-shadow:4px 4px 4px  
4px #51602D }
```

# Background

The CSS property to change the background color of an element to Hex 51602D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51602D }
```

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

```
.background{ background-color:#51602D }
```

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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