

# Converting Colors

Hex(50362F)

Have a look what the booklet for  
Hex(50362F) contains.

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# Color

**Hex(50362F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	50362F
RGB	80, 54, 47
RGB Percent	31%, 21%, 18%
CMY	0.6863, 0.7882, 0.8157
CMYK	0.00, 0.32, 0.41, 0.69
HSL	13°, 26%, 25%
HSV	13°, 41%, 31%
XYZ	5.1405, 4.5490, 3.2964
YIQ	60.9760, 17.7430, 3.3350

# Conversions

## Conversions Part 2

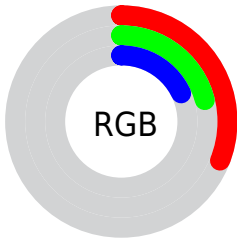
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 56, 47
Decimal	5256751
CIE Lab	25.41, 10.60, 9.06
CIE LCh	25, 13.943, 40.531
Yxy	4.5490, 0.3959, 0.3503
Android (android.graphics.Color)	4283446831 (0xFF50362F)
YUV	60.9760, -6.8902, 16.6840
Hunter-Lab	21.3285, 5.6966, 5.7663

# Details

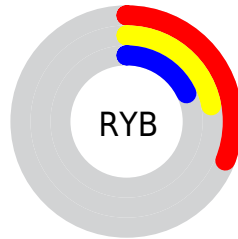
The Hex color **50362F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2F4950**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **82655D**, and **240B00** is the 20% darker color. If you saturate the color by 10%, you get **503027**, and if you desaturate by 10%, it is **503C37**.

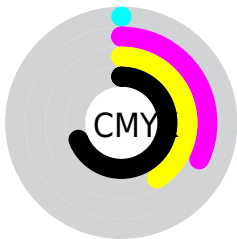
# Distribution



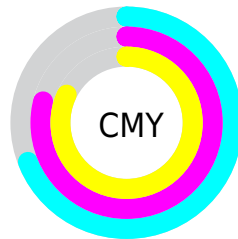
- Red (31%)
- Green (21%)
- Blue (18%)



- Red (31%)
- Yellow (22%)
- Blue (18%)



- Cyan (0%)
- Magenta (32%)
- Yellow (41%)
- Black (69%)



- Cyan (69%)
- Magenta (79%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 50362F 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 50362F by changing the saturation by 10% instead.





50362F



50362F

FFFFFF



38211A



82655D



240B00



9D7E76



000000



B8988F



D4B3AA



F0CEC5



FFEAE1

FFFFFFD



50362F



50362F

■ 503027

■ 503C37

■ 50291F

■ 50433F

■ 502317

■ 504947

■ 501D0F

■ 504F4F

■ 501607

■ 505657

■ 501100

■ 505C5F

■ 506267

■ 50686F

■ 506F77

# Harmonies

## Analogous

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



513439



50362F



4A3929

# Triad

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



50362F



284235



343C51

# Complementary

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



50362F



2F4950

# 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.



253F50



50362F



1E4240

# Square

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



50362F



34402C



1C414A



42384C

# Rectangle

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



50362F



443C27



1C414A



2F3D51



# Sweetspot

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



50362F



695F5C



502F49



36302E



B5B5B5



363636



# Same Dimension

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



50362F



693F34



50462F



292625



691600



E83100



# Inverse Universe

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



2F4950



345D69



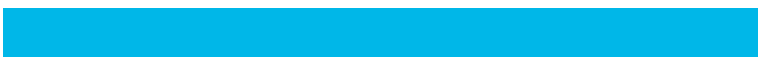
2F3950



252829



005269



00B7E8



# Previews

## White Background



This preview shows how the Hex color 50362F looks on a white background.

## Color Contrast Check

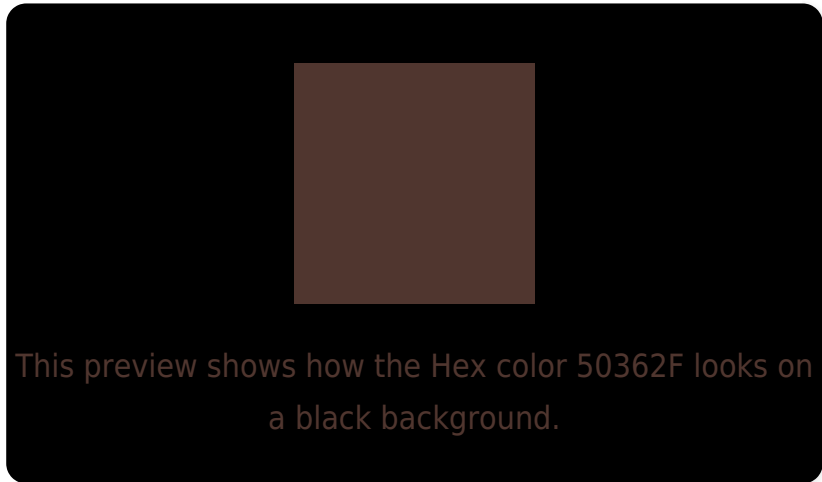
Large Text (above 18pt) WCAG AA ✓ Pass

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

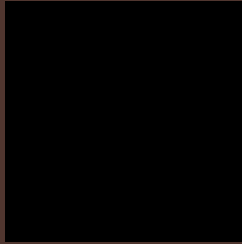
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 50362F Background



This preview shows how black text looks on a background with the Hex color 50362F.

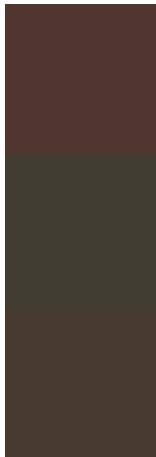


This preview shows how white text looks on a background with the Hex color 50362F.

# 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**  
50362F

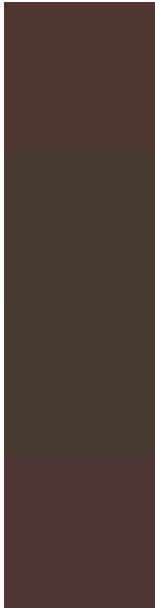
**Protanopia**  
403C32

**Deuteranopia**  
473A2E



**Tritanopia**  
513539

# Trichromacy



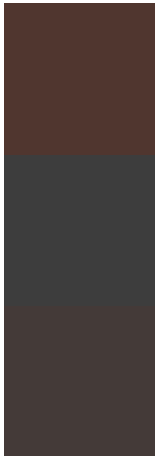
**Original Color**  
50362F

**Protanomaly**  
463A31

**Deuteranomaly**  
4A392E

**Tritanomaly**  
513535

# Monochromacy



**Original Color**  
50362F

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
443A38

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 50362F 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 #50362F looks like.

```
.text, #text, p{  
    color:#50362F  
}
```

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 #50362F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50362F
}
```

## Border

The CSS property to change the border of an element to Hex 50362F is called "border". The border property can be set on classes, ids or directly on the HTML element.

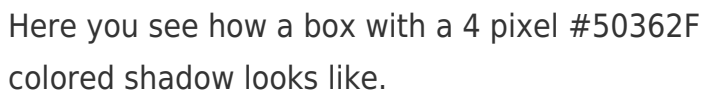
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#50362F }
```

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

```
.border{ border-color:#50362F }
```

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



Here you see how a box with a 4 pixel #50362F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50362F; -webkit-box-shadow:4px 4px  
4px 4px #50362F; box-shadow:4px 4px 4px  
4px #50362F }
```

# Background

The CSS property to change the background color of an element to Hex 50362F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50362F }
```

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

```
.background{ background-color:#50362F }
```

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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