

# Converting Colors

Hex(382D20)

Have a look what the booklet for  
Hex(382D20) contains.

<b>Hex(382D20)</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(382D20)

# Conversions

## Conversions Part 1

Format	Color
Hex	382D20
RGB	56, 45, 32
RGB Percent	22%, 18%, 13%
CMY	0.7804, 0.8235, 0.8745
CMYK	0.00, 0.20, 0.43, 0.78
HSL	33°, 27%, 17%
HSV	33°, 43%, 22%
XYZ	2.8300, 2.8218, 1.7620
YIQ	46.8070, 10.7290, -1.7110

# Conversions

## Conversions Part 2

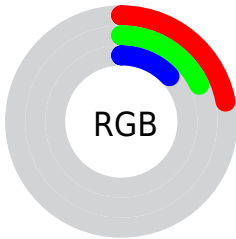
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	52, 56, 32
Decimal	3681568
CIE Lab	19.32, 2.75, 10.30
CIE LCh	19, 10.662, 75.059
Yxy	2.8218, 0.3817, 0.3806
Android (android.graphics.Color)	4281871648 (0xFF382D20)
YUV	46.8070, -7.2999, 8.0623
Hunter-Lab	16.7982, 0.6748, 5.5397

# Details

The Hex color **382D20** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **202B38**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **685B4C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **382A1A**, and if you desaturate by 10%, it is **383026**.

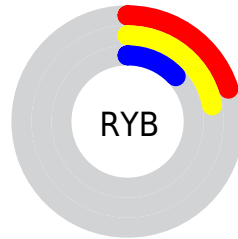
# Distribution



Red (22%)

Green (18%)

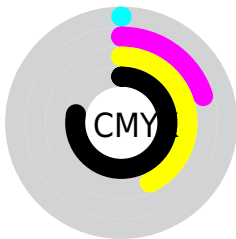
Blue (13%)



Red (20%)

Yellow (22%)

Blue (13%)

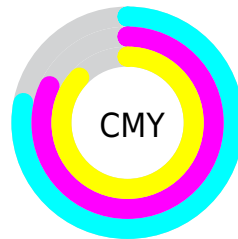


Cyan (0%)

Magenta (20%)

Yellow (43%)

Black (78%)



Cyan (78%)

Magenta (82%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 382D20 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 382D20 by changing the saturation by 10% instead.





382D20



382D20

FFFFFF



231809



685B4C



000000



817364



9B8D7D



B6A797



D2C2B2



EEDECD



FFFBE9



382D20



382D20

■ 382A1A

■ 383026

■ 382815

■ 38322B

■ 38250F

■ 383531

■ 38230A

■ 383736

■ 382004

■ 383A3C

■ 381E00

■ 383C42

■ 383F47

■ 38424D

■ 384452

# Harmonies

## Analogous

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



3D2B24



382D20



303020

# Triad

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



382D20



193333



352C3A

# Complementary

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



382D20



202B38

# 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.



2B2E3E



382D20



19323A

# Square

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



382D20



1F332B



20313E



3C2A33

# Rectangle

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



382D20



2B3122



20313E



322C3C



# Sweetspot

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



382D20



4A4640



38202B



262320



A6A6A6



262626



# Same Dimension

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



382D20



4A3924



373820



1C1B19



5C3200



DB7700



# Inverse Universe

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



202B38



24364A



212038



191B1C



002A5C

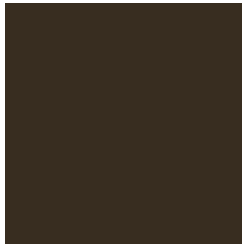


0065DB



# Previews

## White Background



This preview shows how the Hex color 382D20 looks on a white background.

## Color Contrast Check

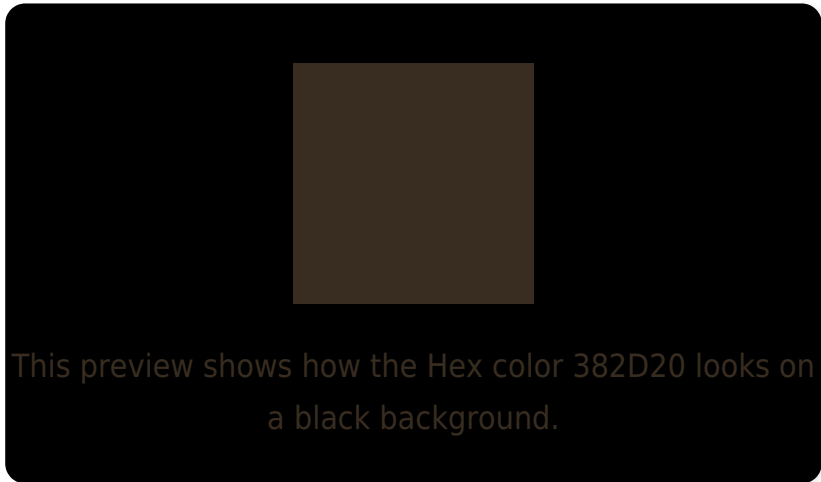
Large Text (above 18pt) WCAG AA ✓ Pass

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

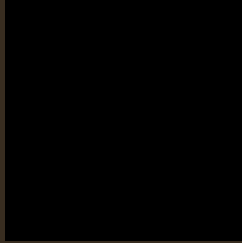
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 382D20 Background



This preview shows how black text looks on a background with the Hex color 382D20.

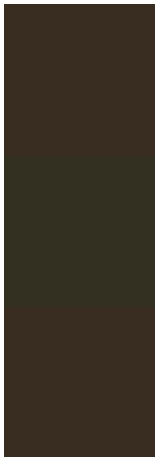


This preview shows how white text looks on a background with the Hex color 382D20.

# 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**  
382D20

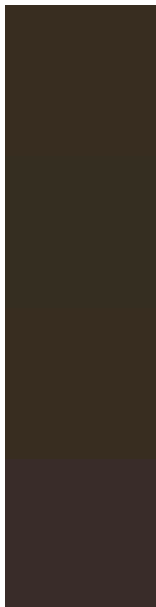
**Protanopia**  
332F21

**Deuteranopia**  
382D20



**Tritanopia**  
392B2E

# Trichromacy



**Original Color**

382D20

**Protanomaly**

352E21

**Deuteranomaly**

382D20

**Tritanomaly**

392C29

# Monochromacy



**Original Color**

382D20

**Achromatopsia**

2F2F2F

**Achromatomaly**

322E2A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 382D20 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 #382D20 looks like.

```
.text, #text, p{  
    color:#382D20  
}
```

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 #382D20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #382D20
}
```

## Border

The CSS property to change the border of an element to Hex 382D20 is called "border". The border property can be set on classes, ids or directly on the HTML element.

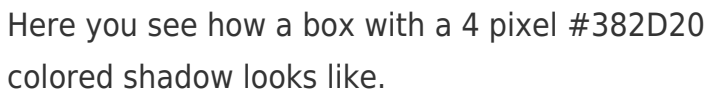
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#382D20 }
```

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

```
.border{ border-color:#382D20 }
```

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



Here you see how a box with a 4 pixel #382D20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #382D20; -webkit-box-shadow:4px 4px  
4px 4px #382D20; box-shadow:4px 4px 4px  
4px #382D20 }
```

# Background

The CSS property to change the background color of an element to Hex 382D20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#382D20 }
```

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

```
.background{ background-color:#382D20 }
```

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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