

# Converting Colors

Hex(38262E)

Have a look what the booklet for  
Hex(38262E) contains.

<b>Hex(38262E)</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(38262E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	38262E
RGB	56, 38, 46
RGB Percent	22%, 15%, 18%
CMY	0.7804, 0.8510, 0.8196
CMYK	0.00, 0.32, 0.18, 0.78
HSL	333°, 19%, 18%
HSV	333°, 32%, 22%
XYZ	2.8171, 2.4242, 2.9042
YIQ	44.2940, 8.1600, 6.3040

# Conversions

## Conversions Part 2

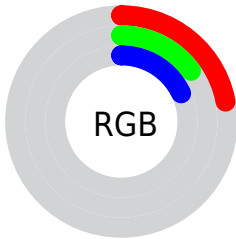
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	56, 38, 46
Decimal	3679790
CIE <sub>Lab</sub>	17.57, 10.03, -1.87
CIE <sub>LCh</sub>	18, 10.201, 349.420
Yxy	2.4242, 0.3458, 0.2976
Android (android.graphics.Color)	4281869870 (0xFF38262E)
YUV	44.2940, 0.8411, 10.2662
Hunter-Lab	15.5700, 5.0494, -0.1602

# Details

The Hex color **38262E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **263830**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **67535C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **38202B**, and if you desaturate by 10%, it is **382C31**.

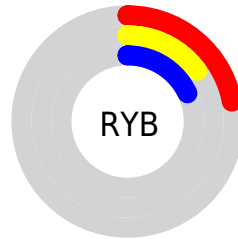
# Distribution



Red (22%)

Green (15%)

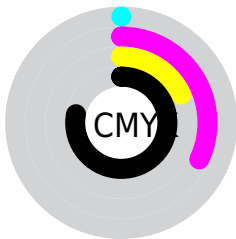
Blue (18%)



Red (22%)

Yellow (15%)

Blue (18%)

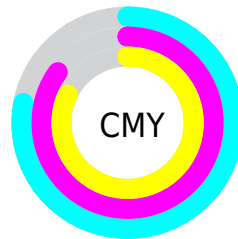


Cyan (0%)

Magenta (32%)

Yellow (18%)

Black (78%)



Cyan (78%)

Magenta (85%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 38262E 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 38262E by changing the saturation by 10% instead.



■ 38262E

■ 38262E

FFFFFF

■ 221219

■ 67535C

■ 000000

■ 806B74

■ 9B858E

■ B59FA8

■ D1BAC3

■ EDD5DF

■ FFF2FC

■ 38262E

■ 38262E

■ 38202B

■ 382C31

■ 381B28

■ 383134

■ 381525

■ 383737

■ 381022

■ 383C3A

■ 380A1E

■ 38423E

■ 38041B

■ 384841

■ 380019

■ 384D44

■ 385347

■ 38584A

# Harmonies

## Analogous

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



322835



38262E



3A2627

# Triad

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



38262E



2B2C1D



172E36

# Complementary

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



38262E



263830

# 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.



162F30



38262E



232E21

# Square

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



38262E



332A1D



1B2F28



1E2D39

# Rectangle

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



38262E



392722



1B2F28



162F34



# Sweetspot

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



38262E



4A4346



302638



262224



A6A6A6



262626



# Same Dimension

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



38262E



4A2D3A



382726



1C191A



5C0029



DB0061



# Inverse Universe

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



38262E



4A2D3A



263738



1C191A



5C0029

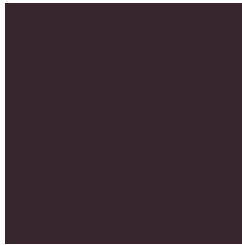


DB0061



# Previews

## White Background



This preview shows how the Hex color 38262E looks on a white background.

## Color Contrast Check

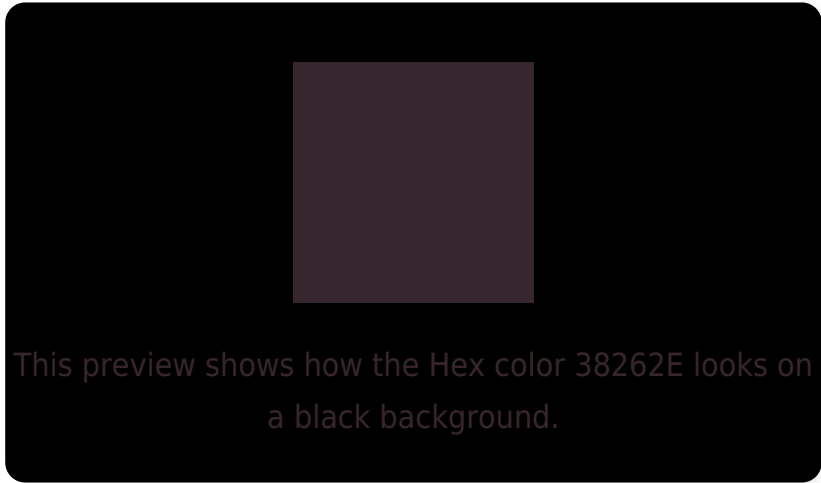
Large Text (above 18pt) WCAG AA ✓ Pass

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

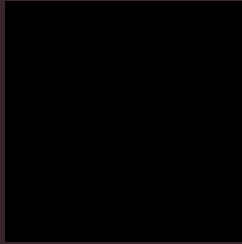
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 38262E Background



This preview shows how black text looks on a background with the Hex color 38262E.

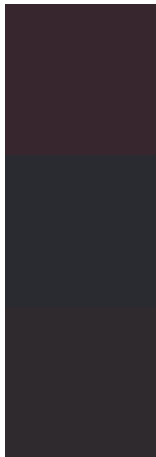


This preview shows how white text looks on a background with the Hex color 38262E.

# 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](#).

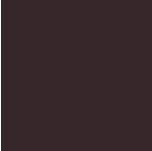
## Dichromacy



**Original Color**  
38262E

**Protanopia**  
2A2B31

**Deuteranopia**  
2F2A2D



**Tritanopia**  
38272A

# Trichromacy



**Original Color**

38262E

**Protanomaly**

2F2930

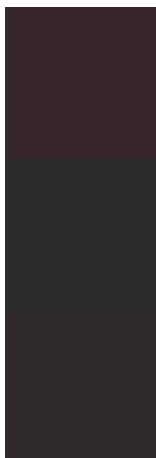
**Deuteranomaly**

32292D

**Tritanomaly**

38272B

# Monochromacy



**Original Color**

38262E

**Achromatopsia**

2C2C2C

**Achromatomaly**

302A2D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 38262E 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 #38262E looks like.

```
.text, #text, p{  
    color:#38262E  
}
```

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 #38262E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38262E
}
```

## Border

The CSS property to change the border of an element to Hex 38262E is called "border". The border property can be set on classes, ids or directly on the HTML element.

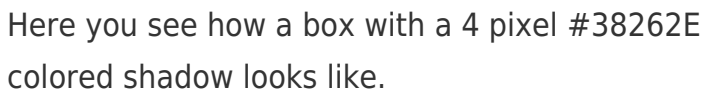
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#38262E }
```

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

```
.border{ border-color:#38262E }
```

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



Here you see how a box with a 4 pixel #38262E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38262E; -webkit-box-shadow:4px 4px  
4px 4px #38262E; box-shadow:4px 4px 4px  
4px #38262E }
```

# Background

The CSS property to change the background color of an element to Hex 38262E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38262E }
```

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

```
.background{ background-color:#38262E }
```

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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