

# Converting Colors

Hex(40262D)

Have a look what the booklet for  
Hex(40262D) contains.

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# Color

**Hex(40262D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	40262D
RGB	64, 38, 45
RGB Percent	25%, 15%, 18%
CMY	0.7490, 0.8510, 0.8235
CMYK	0.00, 0.41, 0.30, 0.75
HSL	344°, 25%, 20%
HSV	344°, 41%, 25%
XYZ	3.2811, 2.6657, 2.8242
YIQ	46.5720, 13.2490, 7.6890

# Conversions

## Conversions Part 2

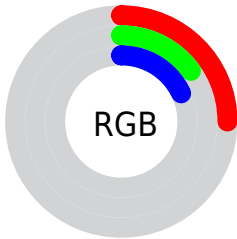
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	64, 38, 45
Decimal	4204077
CIE <sub>Lab</sub>	18.65, 13.44, 0.54
CIE <sub>LCh</sub>	19, 13.453, 2.308
Yxy	2.6657, 0.3741, 0.3039
Android (android.graphics.Color)	4282394157 (0xFF40262D)
YUV	46.5720, -0.7750, 15.2844
Hunter-Lab	16.3269, 7.3000, 1.1729

# Details

The Hex color **40262D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **264039**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **71535B**, and **120000** is the 20% darker color. If you saturate the color by 10%, you get **402028**, and if you desaturate by 10%, it is **402C32**.

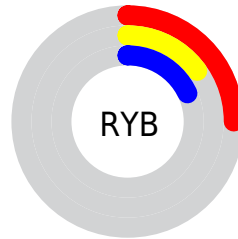
# Distribution



Red (25%)

Green (15%)

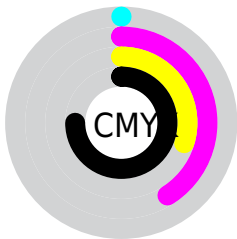
Blue (18%)



Red (25%)

Yellow (15%)

Blue (18%)

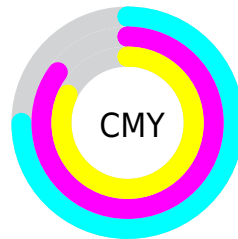


Cyan (0%)

Magenta (41%)

Yellow (30%)

Black (75%)



Cyan (75%)

Magenta (85%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 40262D 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 40262D by changing the saturation by 10% instead.





40262D



40262D

FFFFFF



291118



71535B



120000



8A6C73



000000



A5858D



C09FA7



DCBAC2



F9D6DE



FFF2FB



40262D



40262D

■ 402028

■ 402C32

■ 401924

■ 403336

■ 40131F

■ 40393B

■ 400C1A

■ 404040

■ 400616

■ 404644

■ 400011

■ 404C49

■ 40534E

■ 405952

■ 406057

# Harmonies

## Analogous

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



3A2737



40262D



402723

# Triad

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



40262D



29301D



12313E

# Complementary

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



40262D



264039

# 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.



0B3237



40262D



1D3224

# Square

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



40262D



332D1A



12332E



212E41

# Rectangle

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



40262D



3E291E



12332E



0F313D



# Sweetspot

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



40262D



544A4D



392640



2B2527



ABABAB



2B2B2B



# Same Dimension

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



40262D



542B36



402C26



211E1F



61001A



E0003C



# Inverse Universe

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



40262D



542B36



263A40



211E1F



61001A

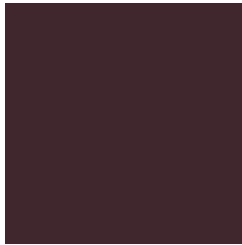


E0003C



# Previews

## White Background



This preview shows how the Hex color 40262D looks on a white background.

## Color Contrast Check

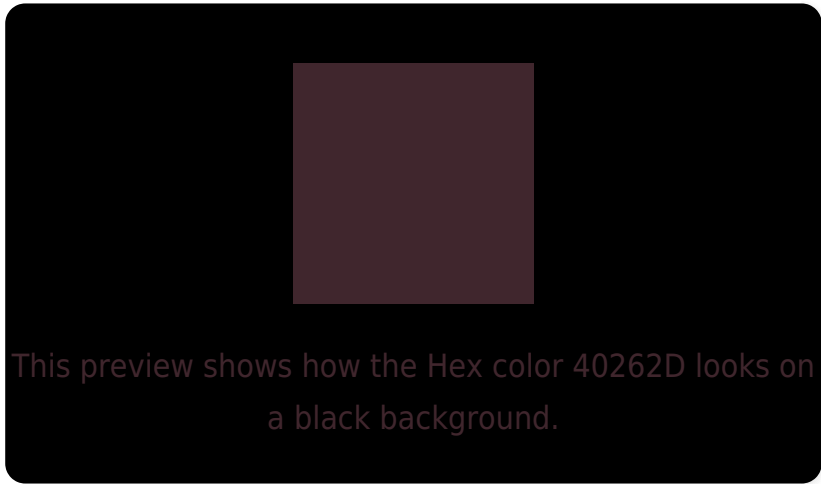
Large Text (above 18pt) WCAG AA ✓ Pass

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

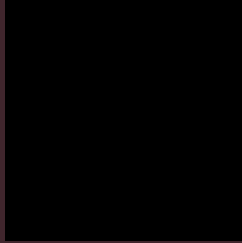
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 40262D Background



This preview shows how black text looks on a background with the Hex color 40262D.

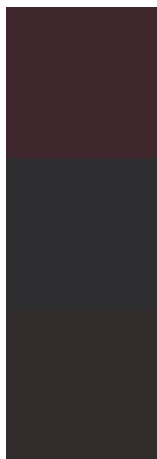


This preview shows how white text looks on a background with the Hex color 40262D.

# 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**  
40262D

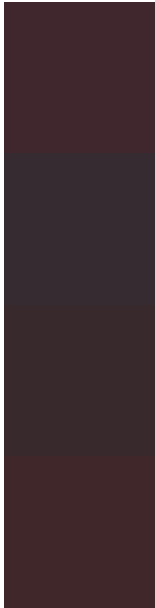
**Protanopia**  
2E2E31

**Deuteranopia**  
332C2C



**Tritanopia**  
402729

# Trichromacy



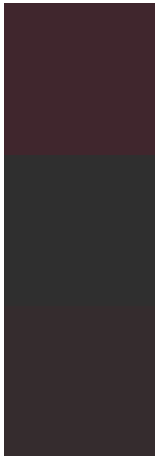
**Original Color**  
40262D

**Protanomaly**  
352B30

**Deuteranomaly**  
382A2C

**Tritanomaly**  
40272A

# Monochromacy



**Original Color**  
40262D

**Achromatopsia**  
2F2F2F

**Achromatomaly**  
352C2E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 40262D 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 #40262D looks like.

```
.text, #text, p{  
    color:#40262D  
}
```

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 #40262D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40262D
}
```

## Border

The CSS property to change the border of an element to Hex 40262D 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".

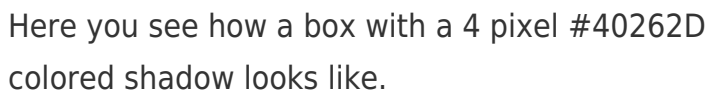
```
.border, #border, table{ border:4px solid
#40262D }
```

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

```
.border{ border-color:#40262D }
```

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

Here you see how a box with a 4 pixel #40262D colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border. Below the box, there is a thick dark blue horizontal bar. The shadow is a dark blue rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40262D; -webkit-box-shadow:4px 4px  
4px 4px #40262D; box-shadow:4px 4px 4px  
4px #40262D }
```

# Background

The CSS property to change the background color of an element to Hex 40262D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40262D }
```

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

```
.background{ background-color:#40262D }
```

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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