

# Converting Colors

Hex(2E2B21)

Have a look what the booklet for  
Hex(2E2B21) contains.

<b>Hex(2E2B21)</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(2E2B21)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2E2B21
RGB	46, 43, 33
RGB Percent	18%, 17%, 13%
CMY	0.8196, 0.8314, 0.8706
CMYK	0.00, 0.07, 0.28, 0.82
HSL	46°, 16%, 15%
HSV	46°, 28%, 18%
XYZ	2.2651, 2.4184, 1.7863
YIQ	42.7570, 4.9980, -2.4740

# Conversions

## Conversions Part 2

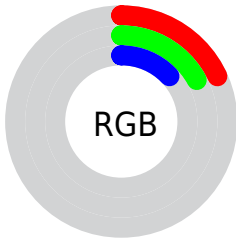
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	37, 46, 33
Decimal	3025697
CIE Lab	17.55, -0.71, 7.02
CIE LCh	18, 7.054, 95.746
Yxy	2.4184, 0.3501, 0.3738
Android (android.graphics.Color)	4281215777 (0xFF2E2B21)
YUV	42.7570, -4.8102, 2.8441
Hunter-Lab	15.5512, -1.2153, 4.0756

# Details

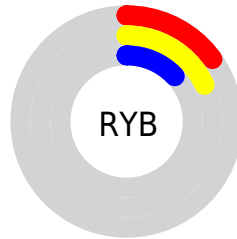
The Hex color **2E2B21** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **21242E**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **5C584D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2E2A1C**, and if you desaturate by 10%, it is **2E2C26**.

# Distribution



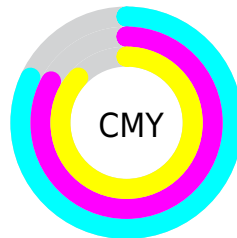
- Red (18%)
- Green (17%)
- Blue (13%)



- Red (15%)
- Yellow (18%)
- Blue (13%)



- Cyan (0%)
- Magenta (7%)
- Yellow (28%)
- Black (82%)



- Cyan (82%)
- Magenta (83%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E2B21 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 2E2B21 by changing the saturation by 10% instead.



■ 2E2B21

■ 2E2B21

FFFFFF

■ 1A170A

■ 5C584D

■ 000000

■ 757165

■ 8E8A7E

■ A9A498

■ C4C0B3

■ E0DBCE

■ FDF8EA

■ 2E2B21

■ 2E2B21

■ 2E2A1C

■ 2E2C26

■ 2E2918

■ 2E2D2A

■ 2E2813

■ 2E2E2F

■ 2E270F

■ 2E2F33

■ 2E260A

■ 2E3038

■ 2E2505

■ 2E313D

■ 2E2401

■ 2E3241

■ 2E2300

■ 2E3346

■ 2E354A

# Harmonies

## Analogous

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



332922



2E2B21



282D23

# Triad

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



2E2B21



1E2E31



33282F

# Complementary

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



2E2B21



21242E

# 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.



2D2933



2E2B21



212D34

# Square

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



2E2B21



1F2E2C



272B35



35272A

# Rectangle

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



2E2B21



242D25



272B35



312831



# Sweetspot

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



2E2B21



3B3A36



2E2124



1F1E1C



9E9E9E



1F1F1F



# Same Dimension

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



2E2B21



3B3627



2B2E21



171615



574300



D6A500



# Inverse Universe

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



21242E



272B3B



24212E



151517



001457

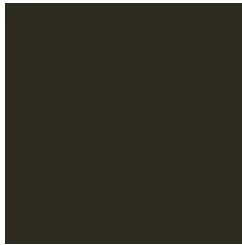


0031D6



# Previews

## White Background



This preview shows how the Hex color 2E2B21 looks on a white background.

## Color Contrast Check

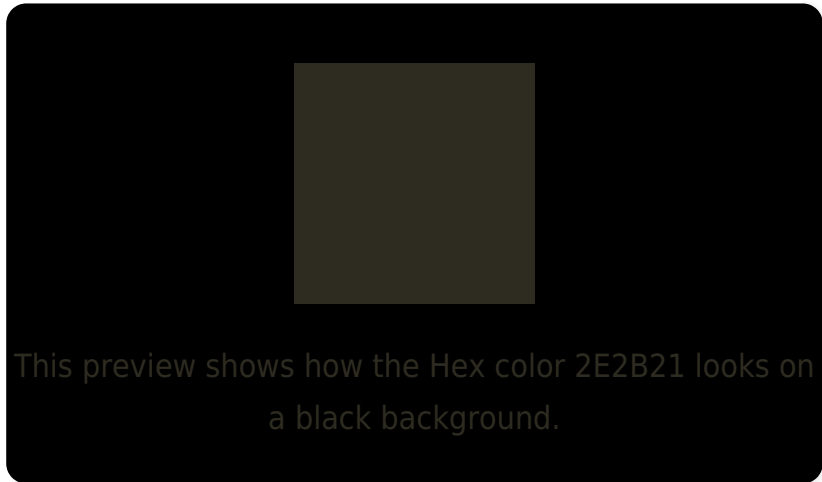
Large Text (above 18pt) WCAG AA ✓ Pass

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

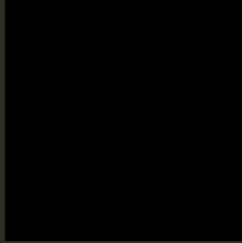
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

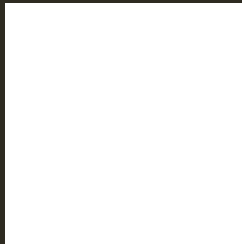
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2E2B21 Background



This preview shows how black text looks on a background with the Hex color 2E2B21.

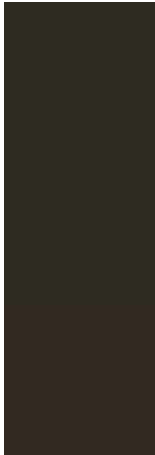


This preview shows how white text looks on a background with the Hex color 2E2B21.

# 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**  
2E2B21

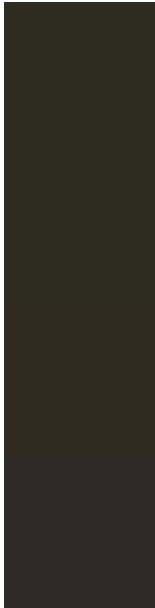
**Protanopia**  
2E2B21

**Deuteranopia**  
322921



**Tritanopia**  
2F292D

# Trichromacy



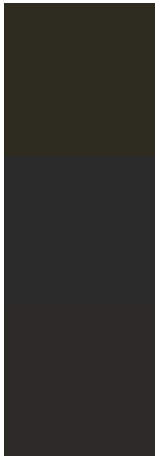
**Original Color**  
2E2B21

**Protanomaly**  
2E2B21

**Deuteranomaly**  
312A21

**Tritanomaly**  
2F2A29

# Monochromacy



**Original Color**  
2E2B21

**Achromatopsia**  
2B2B2B

**Achromatomaly**  
2C2B27

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E2B21 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 #2E2B21 looks like.

```
.text, #text, p{  
    color:#2E2B21  
}
```

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 #2E2B21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E2B21
}
```

## Border

The CSS property to change the border of an element to Hex 2E2B21 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
#2E2B21 }
```

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

```
.border{ border-color:#2E2B21 }
```

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

Here you see how a box with a 4 pixel #2E2B21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E2B21; -webkit-box-shadow:4px 4px  
4px 4px #2E2B21; box-shadow:4px 4px 4px  
4px #2E2B21 }
```

# Background

The CSS property to change the background color of an element to Hex 2E2B21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E2B21 }
```

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

```
.background{ background-color:#2E2B21 }
```

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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