

# Converting Colors

Hex(363021)

Have a look what the booklet for  
Hex(363021) contains.

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# Color

**Hex(363021)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	363021
RGB	54, 48, 33
RGB Percent	21%, 19%, 13%
CMY	0.7882, 0.8118, 0.8706
CMYK	0.00, 0.11, 0.39, 0.79
HSL	43°, 24%, 17%
HSV	43°, 39%, 21%
XYZ	2.8528, 3.0080, 1.8691
YIQ	48.0840, 8.3910, -3.3930

# Conversions

## Conversions Part 2

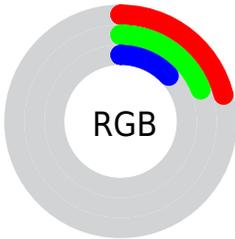
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	41, 54, 33
Decimal	3551265
CIE Lab	20.08, -0.11, 10.61
CIE LCh	20, 10.608, 90.608
Yxy	3.0080, 0.3691, 0.3891
Android (android.graphics.Color)	4281741345 (0xFF363021)
YUV	48.0840, -7.4364, 5.1883
Hunter-Lab	17.3435, -0.9902, 5.7509

# Details

The Hex color **363021** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **212736**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **655E4D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **362E1C**, and if you desaturate by 10%, it is **363226**.

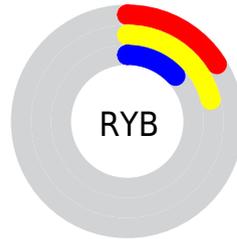
# Distribution



Red (21%)

Green (19%)

Blue (13%)



Red (16%)

Yellow (21%)

Blue (13%)

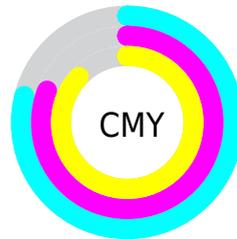


Cyan (0%)

Magenta (11%)

Yellow (39%)

Black (79%)



Cyan (79%)

Magenta (81%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 363021 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 363021 by changing the saturation by 10% instead.





363021



363021

FFFFFF



211B0B



655E4D



000000



7E7765



98907E



B3AB98



CFC6B3



EBE2CE



FFFFEB



363021



363021

■ 362E1C

■ 363226

■ 362D16

■ 36332C

■ 362B11

■ 363531

■ 362A0B

■ 363637

■ 362806

■ 36383C

■ 362701

■ 363941

■ 362700

■ 363B47

■ 363C4C

■ 363E52

# Harmonies

## Analogous

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



3D2D23



363021



2E3223

# Triad

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



363021



1A3538



3B2C38

# Complementary

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



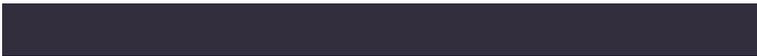
363021



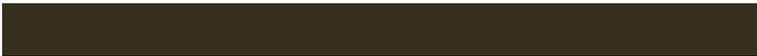
212736

# 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.



322E3E



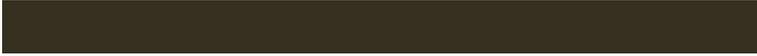
363021



1E333E

# Square

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



363021



1D3530



273140



3F2B31

# Rectangle

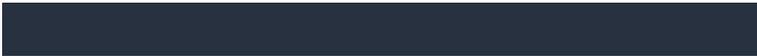
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



363021



283426



273140



382D3A



# Sweetspot

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



363021



47453F



362127



24221F



A3A3A3



242424

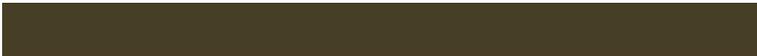


# Same Dimension

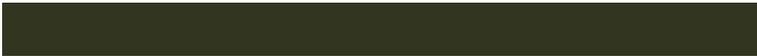
The Same Dimension uses a secret algorithm to generate beautiful new colors.



363021



473E26



323621



1C1B19



5C4200



DB9D00



# Inverse Universe

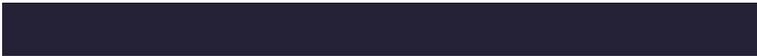
The Inverse Universe completely reimagines the original color for something new.



212736



262F47



252136



191A1C



001A5C

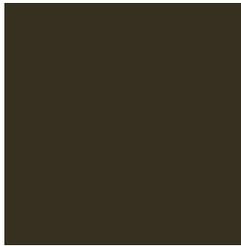


003FDB



# Previews

## White Background



This preview shows how the Hex color 363021 looks on a white background.

## Color Contrast Check

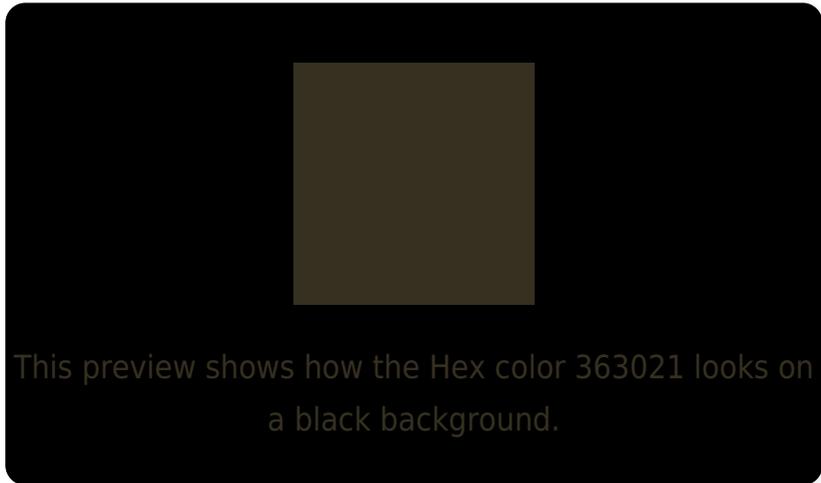
Large Text (above 18pt) WCAG AA ✓ Pass

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

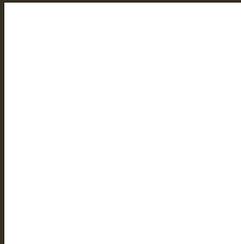
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 363021 Background



This preview shows how black text looks on a background with the Hex color 363021.



This preview shows how white text looks on a background with the Hex color 363021.

# 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**  
363021

**Protanopia**  
353121

**Deuteranopia**  
3A2E21



**Tritanopia**  
382E31

# Trichromacy



**Original Color**  
363021

**Protanomaly**  
353121

**Deuteranomaly**  
392F21

**Tritanomaly**  
372F2B

# Monochromacy



**Original Color**  
363021

**Achromatopsia**  
303030

**Achromatomaly**  
32302B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 363021 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 #363021 looks like.

```
.text, #text, p{  
    color:#363021  
}
```

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 #363021 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #363021
}
```

## Border

The CSS property to change the border of an element to Hex 363021 is called "border". The border property can be set on classes, ids or directly on the HTML element.

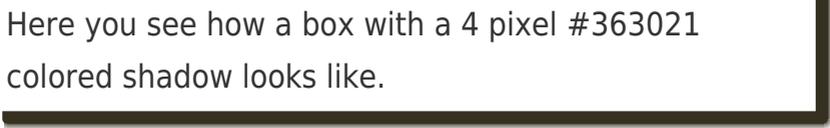
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#363021 }
```

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

```
.border{ border-color:#363021 }
```

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



Here you see how a box with a 4 pixel #363021 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #363021; -webkit-box-shadow:4px 4px  
4px 4px #363021; box-shadow:4px 4px 4px  
4px #363021 }
```

# Background

The CSS property to change the background color of an element to Hex 363021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#363021 }
```

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

```
.background{ background-color:#363021 }
```

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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