

# Converting Colors

Hex(3D2626)

Have a look what the booklet for  
Hex(3D2626) contains.

<b>Hex(3D2626)</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(3D2626)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3D2626
RGB	61, 38, 38
RGB Percent	24%, 15%, 15%
CMY	0.7608, 0.8510, 0.8510
CMYK	0.00, 0.38, 0.38, 0.76
HSL	0°, 23%, 19%
HSV	0°, 38%, 24%
XYZ	2.9674, 2.5183, 2.1634
YIQ	44.8770, 13.7080, 4.8760

# Conversions

## Conversions Part 2

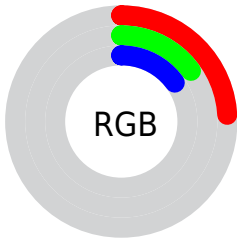
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	61, 38, 38
Decimal	4007462
CIE <sub>Lab</sub>	18.00, 10.88, 4.45
CIE <sub>LCh</sub>	18, 11.760, 22.249
Yxy	2.5183, 0.3879, 0.3292
Android (android.graphics.Color)	4282197542 (0xFF3D2626)
YUV	44.8770, -3.3904, 14.1399
Hunter-Lab	15.8690, 5.6078, 3.0254

# Details

The Hex color **3D2626** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **263D3D**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **6D5353**, and **060000** is the 20% darker color. If you saturate the color by 10%, you get **3D2020**, and if you desaturate by 10%, it is **3D2C2C**.

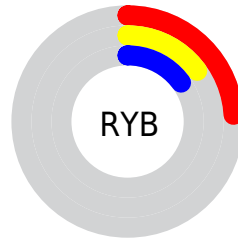
# Distribution



Red (24%)

Green (15%)

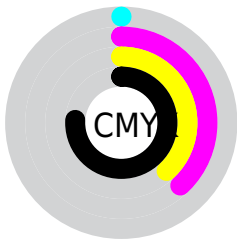
Blue (15%)



Red (24%)

Yellow (15%)

Blue (15%)

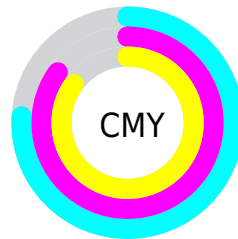


Cyan (0%)

Magenta (38%)

Yellow (38%)

Black (76%)



Cyan (76%)

Magenta (85%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D2626 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 3D2626 by changing the saturation by 10% instead.





3D2626



3D2626

FFFFFF



271211



6D5353



060000



876B6B



000000



A18584



BD9F9E



D9BAB9



F5D5D5



FFF2F1



3D2626



3D2626

■ 3D2020

■ 3D2C2C

■ 3D1A1A

■ 3D3232

■ 3D1414

■ 3D3838

■ 3D0E0E

■ 3D3E3E

■ 3D0808

■ 3D4545

■ 3D0101

■ 3D4B4B

■ 3D0000

■ 3D5151

■ 3D5757

■ 3D5D5D

# Harmonies

## Analogous

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



3B262F



3D2626



3A281F

# Triad

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



3D2626



222F21



1E2D3D

# Complementary

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



3D2626



263D3D

# 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.



133039



3D2626



183129

# Square

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



3D2626



2B2D1C



113132



2A2B3C

# Rectangle

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



3D2626



362A1C



113132



1A2E3C



# Sweetspot

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



3D2626



4F4646



3D263D



292323



A8A8A8



292929



# Same Dimension

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



3D2626



4F2B2B



3D3226



1F1C1C



5E0000



DE0000



# Inverse Universe

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



263D3D



2B4F4F



26323D



1C1F1F



005E5E

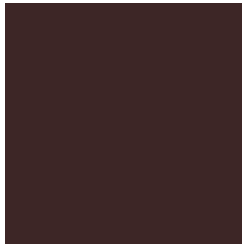


00DEDE



# Previews

## White Background



This preview shows how the Hex color 3D2626 looks on a white background.

## Color Contrast Check

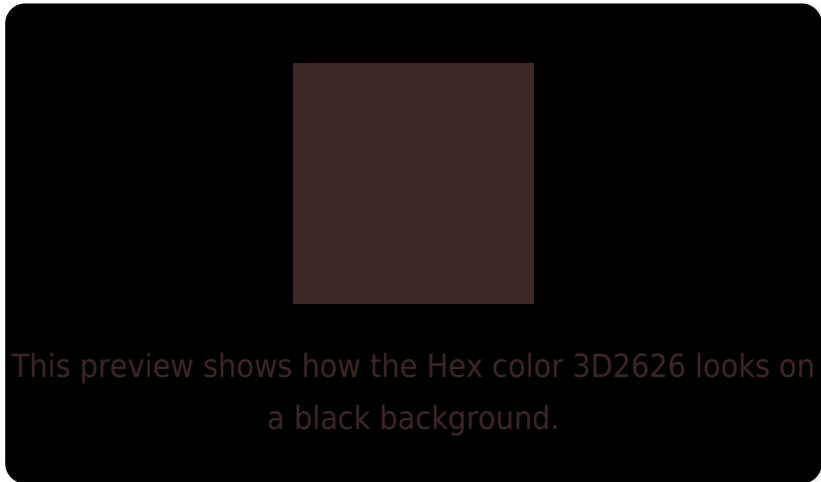
Large Text (above 18pt) WCAG AA ✓ Pass

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 3D2626 Background



This preview shows how black text looks on a background with the Hex color 3D2626.

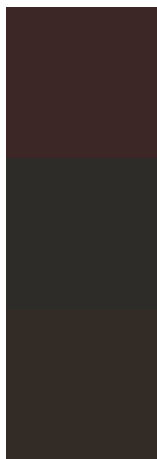


This preview shows how white text looks on a background with the Hex color 3D2626.

# 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**  
3D2626

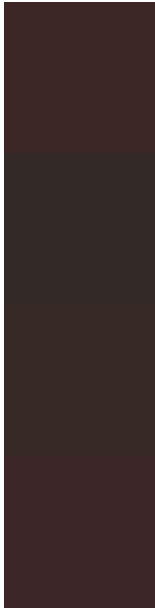
**Protanopia**  
2E2C29

**Deuteranopia**  
332B25



**Tritanopia**  
3D2628

# Trichromacy



**Original Color**

3D2626

**Protanomaly**

332A28

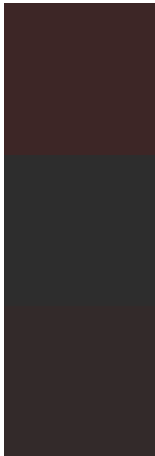
**Deuteranomaly**

372925

**Tritanomaly**

3D2627

# Monochromacy



**Original Color**

3D2626

**Achromatopsia**

2D2D2D

**Achromatomaly**

332A2A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D2626 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 #3D2626 looks like.

```
.text, #text, p{  
    color:#3D2626  
}
```

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 #3D2626 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D2626
}
```

## Border

The CSS property to change the border of an element to Hex 3D2626 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
#3D2626 }
```

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

```
.border{ border-color:#3D2626 }
```

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

Here you see how a box with a 4 pixel #3D2626 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D2626; -webkit-box-shadow:4px 4px  
4px 4px #3D2626; box-shadow:4px 4px 4px  
4px #3D2626 }
```

# Background

The CSS property to change the background color of an element to Hex 3D2626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D2626 }
```

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

```
.background{ background-color:#3D2626 }
```

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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