

Converting Colors

Hex(3D3538)

Have a look what the booklet for
Hex(3D3538) contains.

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Color

Hex(3D3538)

Conversions

Conversions Part 1

Format	Color
Hex	3D3538
RGB	61, 53, 56
RGB Percent	24%, 21%, 22%
CMY	0.7608, 0.7922, 0.7804
CMYK	0.00, 0.13, 0.08, 0.76
HSL	338°, 7%, 22%
HSV	338°, 13%, 24%
XYZ	3.9114, 3.8238, 4.2733
YIQ	55.7340, 3.8050, 2.6290

Conversions

Conversions Part 2

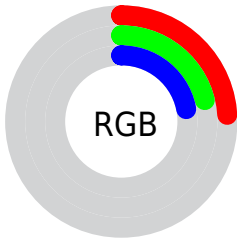
Format	Color
RYB	61, 53, 56
Decimal	4011320
CIELab	23.08, 4.17, -0.59
CIELCh	23, 4.215, 351.993
Yxy	3.8238, 0.3257, 0.3184
Android (android.graphics.Color)	4282201400 (0xFF3D3538)
YUV	55.7340, 0.1311, 4.6183
Hunter-Lab	19.5546, 1.4836, 0.7315

Details

The Hex color **3D3538** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **353D3A**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **6C6467**, and **13080D** is the 20% darker color. If you saturate the color by 10%, you get **3D2F34**, and if you desaturate by 10%, it is **3D3B3C**.

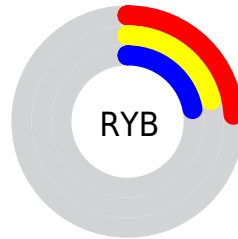
Distribution



Red (24%)

Green (21%)

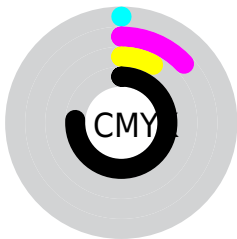
Blue (22%)



Red (24%)

Yellow (21%)

Blue (22%)

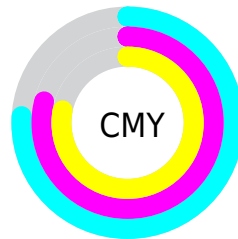


Cyan (0%)

Magenta (13%)

Yellow (8%)

Black (76%)



Cyan (76%)

Magenta (79%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D3538 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 3D3538 by changing the saturation by 10% instead.



3D3538



3D3538

FFFFFF



272023



6C6467



13080D



867C80



000000



A0969A



BBB1B5



D7CCD0



F3E9EC



3D3538



3D3538



3D2F34



3D3B3C

■ 3D2930

■ 3D4140

■ 3D232D

■ 3D4743

■ 3D1D29

■ 3D4D47

■ 3D1625

■ 3D544B

■ 3D1021

■ 3D5A4F

■ 3D0A1D

■ 3D6053

■ 3D041A

■ 3D6657

■ 3D0017

■ 3D6C5A

Harmonies

Analogous

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



3A363B



3D3538



3E3535

Triad

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



3D3538



373831



30383C

Complementary

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



3D3538



353D3A

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.



2F3939



3D3538



333833

Square

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



3D3538



3B3731



313936



33383D

Rectangle

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



3D3538



3E3533



313936



30393B

Sweetspot

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



3D3538



4F4C4D



3A353D



292728



A8A8A8



292929

Same Dimension

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



3D3538



4F4247



3D3635



1F1C1D



5E0023



DE0053

Inverse Universe

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



3D3538



4F4247



353C3D



1F1C1D



5E0023



DE0053

Previews

White Background



This preview shows how the Hex color 3D3538 looks on a white background.

Color Contrast Check

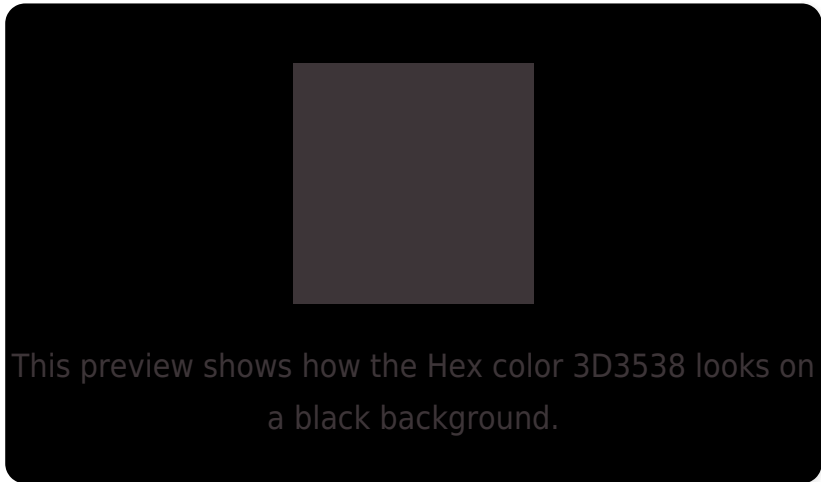
Large Text (above 18pt) WCAG AA ✓ Pass

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

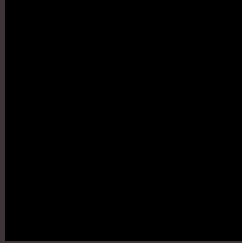
Any Text WCAG AA × Fail

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 3D3538 Background



This preview shows how black text looks on a background with the Hex color 3D3538.

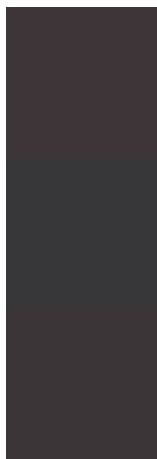


This preview shows how white text looks on a background with the Hex color 3D3538.

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
3D3538

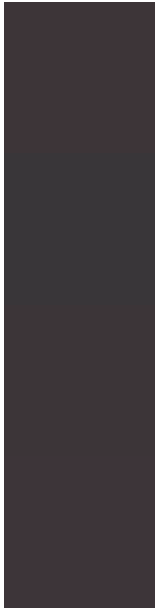
Protanopia
373739

Deuteranopia
3C3538



Tritanopia
3D3539

Trichromacy



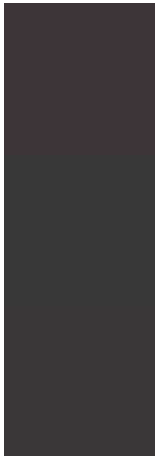
Original Color
3D3538

Protanomaly
393639

Deuteranomaly
3C3538

Tritanomaly
3D3539

Monochromacy



Original Color
3D3538

Achromatopsia
383838

Achromatomaly
3A3738

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D3538 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 #3D3538 looks like.

```
.text, #text, p{  
    color:#3D3538  
}
```

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 #3D3538 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D3538
}
```

Border

The CSS property to change the border of an element to Hex 3D3538 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
#3D3538 }
```

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

```
.border{ border-color:#3D3538 }
```

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

Here you see how a box with a 4 pixel #3D3538 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D3538; -webkit-box-shadow:4px 4px  
4px 4px #3D3538; box-shadow:4px 4px 4px  
4px #3D3538 }
```

Background

The CSS property to change the background color of an element to Hex 3D3538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D3538 }
```

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

```
.background{ background-color:#3D3538 }
```

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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