

Converting Colors

Hex(3D3131)

Have a look what the booklet for
Hex(3D3131) contains.

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Color

Hex(3D3131)

Conversions

Conversions Part 1

Format	Color
Hex	3D3131
RGB	61, 49, 49
RGB Percent	24%, 19%, 19%
CMY	0.7608, 0.8078, 0.8078
CMYK	0.00, 0.20, 0.20, 0.76
HSL	0°, 11%, 22%
HSV	0°, 20%, 24%
XYZ	3.5772, 3.4105, 3.3755
YIQ	52.5880, 7.1520, 2.5440

Conversions

Conversions Part 2

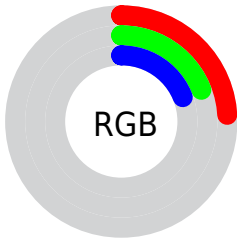
Format	Color
RYB	61, 49, 49
Decimal	4010289
CIELab	21.62, 5.41, 2.03
CIELCh	22, 5.781, 20.561
Yxy	3.4105, 0.3452, 0.3291
Android (android.graphics.Color)	4282200369 (0xFF3D3131)
YUV	52.5880, -1.7689, 7.3773
Hunter-Lab	18.4675, 2.2575, 2.0902

Details

The Hex color **3D3131** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **313D3D**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **6D5F5F**, and **140101** is the 20% darker color. If you saturate the color by 10%, you get **3D2B2B**, and if you desaturate by 10%, it is **3D3737**.

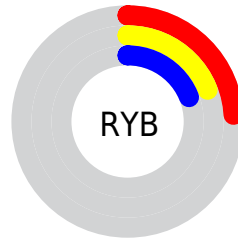
Distribution



Red (24%)

Green (19%)

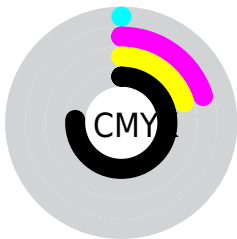
Blue (19%)



Red (24%)

Yellow (19%)

Blue (19%)

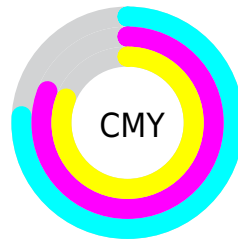


Cyan (0%)

Magenta (20%)

Yellow (20%)

Black (76%)



Cyan (76%)

Magenta (81%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D3131 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 3D3131 by changing the saturation by 10% instead.



3D3131



3D3131

FFFFFF



271C1C



6D5F5F



140101



867878



000000



A09291



BBACAC



D7C7C7



F3E3E3



3D3131



3D3131



3D2B2B



3D3737

■ 3D2525

■ 3D3D3D

■ 3D1F1F

■ 3D4343

■ 3D1919

■ 3D4949

■ 3D1313

■ 3D5050

■ 3D0C0C

■ 3D5656

■ 3D0606

■ 3D5C5C

■ 3D0000

■ 3D6262

■ 3D6868

Harmonies

Analogous

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



3C3135



3D3131



3C322D

Triad

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



3D3131



2F362E



2E353C

Complementary

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



3D3131



313D3D

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.



2A363A



3D3131



2B3632

Square

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



3D3131



34342C



293637



33333C

Rectangle

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



3D3131



3A332C



293637



2C353C

Sweetspot

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



3D3131



4F4A4A



3D313D



292626



A8A8A8



292929

Same Dimension

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



3D3131



4F3C3C



3D3731



1F1C1C



5E0000



DE0000

Inverse Universe

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



313D3D



3C4F4F



31373D



1C1F1F



005E5E



00DEDE

Previews

White Background



This preview shows how the Hex color 3D3131 looks on a white background.

Color Contrast Check

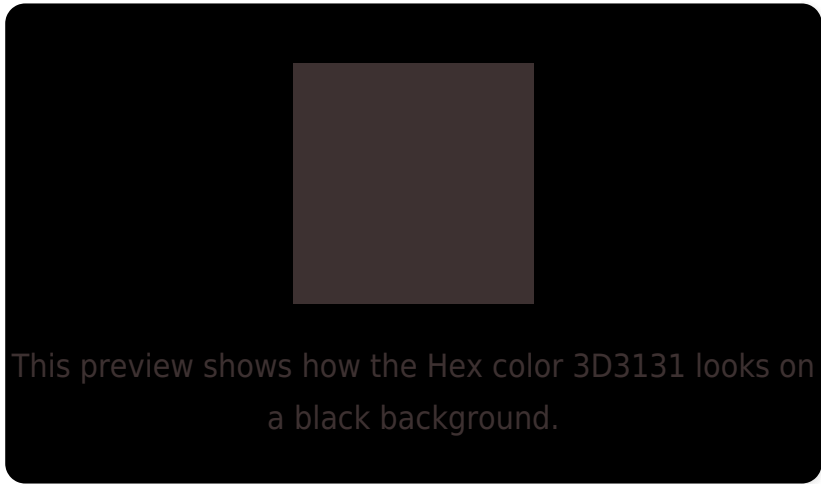
Large Text (above 18pt) WCAG AA ✓ Pass

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

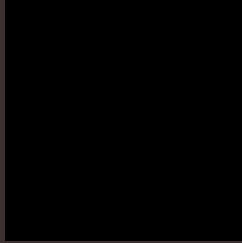
Any Text WCAG AA × Fail

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 3D3131 Background



This preview shows how black text looks on a background with the Hex color 3D3131.

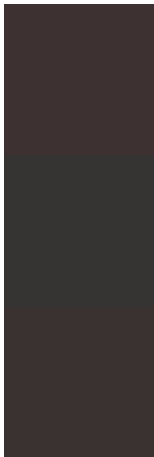


This preview shows how white text looks on a background with the Hex color 3D3131.

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
3D3131

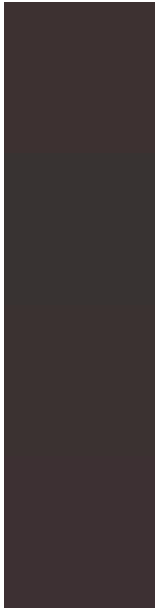
Protanopia
353432

Deuteranopia
3A3231



Tritanopia
3D3034

Trichromacy



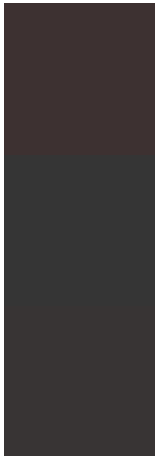
Original Color
3D3131

Protanomaly
383332

Deuteranomaly
3B3231

Tritanomaly
3D3033

Monochromacy



Original Color
3D3131

Achromatopsia
353535

Achromatomaly
383434

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D3131 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 #3D3131 looks like.

```
.text, #text, p{  
    color:#3D3131  
}
```

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 #3D3131 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D3131
}
```

Border

The CSS property to change the border of an element to Hex 3D3131 is called "border". The border property can be set on classes, ids or directly on the HTML element.

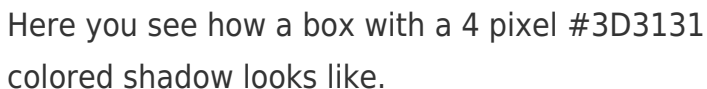
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D3131 }
```

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

```
.border{ border-color:#3D3131 }
```

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



Here you see how a box with a 4 pixel #3D3131 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D3131; -webkit-box-shadow:4px 4px  
4px 4px #3D3131; box-shadow:4px 4px 4px  
4px #3D3131 }
```

Background

The CSS property to change the background color of an element to Hex 3D3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D3131 }
```

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

```
.background{ background-color:#3D3131 }
```

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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