

Converting Colors

Hex(3D1515)

Have a look what the booklet for
Hex(3D1515) contains.

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Color

Hex(3D1515)

Conversions

Conversions Part 1

Format	Color
Hex	3D1515
RGB	61, 21, 21
RGB Percent	24%, 8%, 8%
CMY	0.7608, 0.9176, 0.9176
CMYK	0.00, 0.66, 0.66, 0.76
HSL	0°, 49%, 16%
HSV	0°, 66%, 24%
XYZ	2.3280, 1.5826, 0.8922
YIQ	32.9600, 23.8400, 8.4800

Conversions

Conversions Part 2

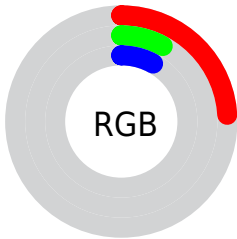
Format	Color
RYB	61, 21, 21
Decimal	4003093
CIELab	13.12, 19.67, 9.86
CIELCh	13, 22.008, 26.631
Yxy	1.5826, 0.4847, 0.3295
Android (android.graphics.Color)	4282193173 (0xFF3D1515)
YUV	32.9600, -5.8963, 24.5911
Hunter-Lab	12.5800, 11.0171, 4.6009

Details

The Hex color **3D1515** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **153D3D**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **6F413F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3D0F0F**, and if you desaturate by 10%, it is **3D1B1B**.

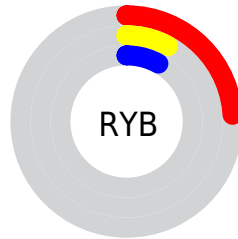
Distribution



 Red (24%)

 Green (8%)

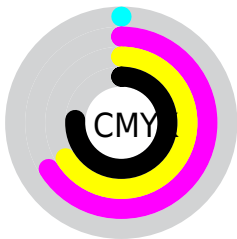
 Blue (8%)



 Red (24%)

 Yellow (8%)

 Blue (8%)

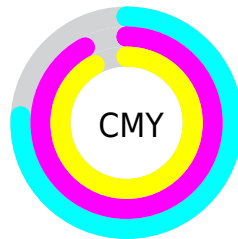


 Cyan (0%)

 Magenta (66%)

 Yellow (66%)

 Black (76%)



 Cyan (76%)

 Magenta (92%)

 Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D1515 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 3D1515 by changing the saturation by 10% instead.



3D1515



3D1515



FFFAF6



280000



6F413F



000000



8A5956



A5726F



C18C88



DDA6A2



FAC1BD



FFDDD9



3D1515



3D1515

■ 3D0F0F

■ 3D1B1B

■ 3D0909

■ 3D2121

■ 3D0303

■ 3D2727

■ 3D0000

■ 3D2D2D

■ 3D3434

■ 3D3A3A

■ 3D4040

■ 3D4646

■ 3D4C4C

Harmonies

Analogous

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



3C1424



3D1515



371A03

Triad

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



3D1515



082810



002440

Complementary

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



3D1515



153D3D

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.



00283B



3D1515



002920

Square

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



3D1515



1E2500



00292F



1F1E3D

Rectangle

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



3D1515



311E00



00292F



00253F

Sweetspot

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



3D1515



4F3F3F



3D153D



291F1F



A8A8A8



292929

Same Dimension

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



3D1515



4F1111



3D2915



1F1C1C



5E0000



DE0000

Inverse Universe

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



153D3D



114F4F



15293D



1C1F1F



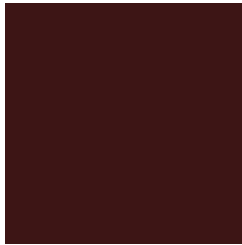
005E5E



00DEDE

Previews

White Background



This preview shows how the Hex color 3D1515 looks on a white background.

Color Contrast Check

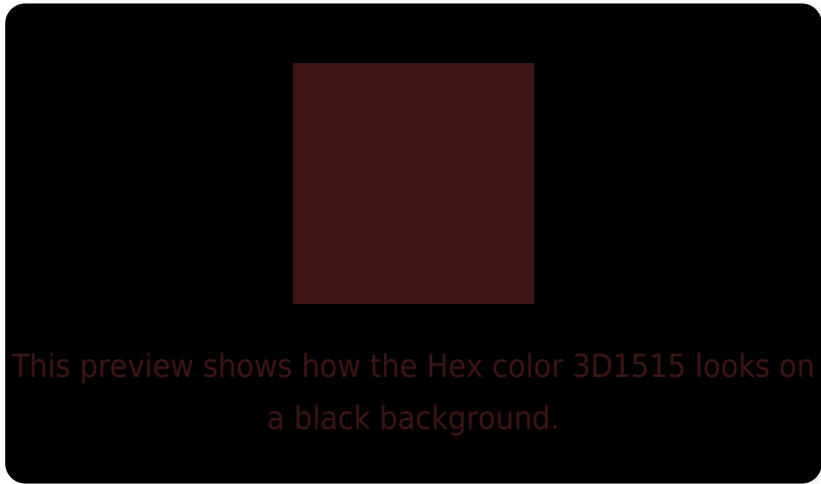
Large Text (above 18pt) WCAG AA ✓ Pass

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 3D1515 Background



This preview shows how black text looks on a background with the Hex color 3D1515.



This preview shows how white text looks on a background with the Hex color 3D1515.

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](#).

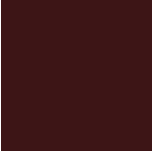
Dichromacy



Original Color
3D1515

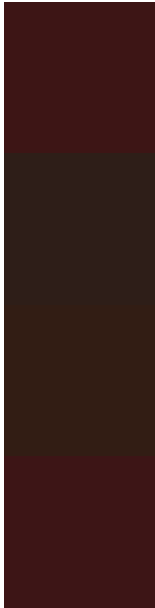
Protanopia
26231A

Deuteranopia
2B2113



Tritanopia
3D1516

Trichromacy



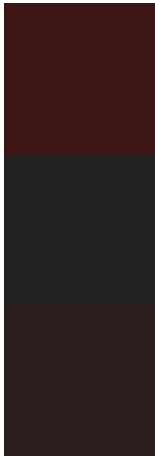
Original Color
3D1515

Protanomaly
2E1E18

Deuteranomaly
321D14

Tritanomaly
3D1516

Monochromacy



Original Color
3D1515

Achromatopsia
212121

Achromatomaly
2B1D1D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D1515 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 #3D1515 looks like.

```
.text, #text, p{  
    color:#3D1515  
}
```

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 #3D1515 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D1515
}
```

Border

The CSS property to change the border of an element to Hex 3D1515 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".

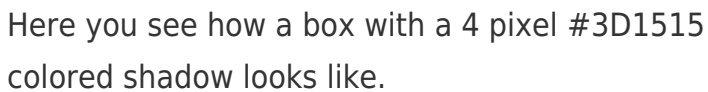
```
.border, #border, table{ border:4px solid
#3D1515 }
```

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

```
.border{ border-color:#3D1515 }
```

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

Here you see how a box with a 4 pixel #3D1515 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below and to the right of the box is a dark red shadow, creating a 3D effect. The shadow is rectangular and matches the color of the border.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D1515; -webkit-box-shadow:4px 4px  
4px 4px #3D1515; box-shadow:4px 4px 4px  
4px #3D1515 }
```

Background

The CSS property to change the background color of an element to Hex 3D1515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D1515 }
```

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

```
.background{ background-color:#3D1515 }
```

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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