

Converting Colors

Hex(3D0202)

Have a look what the booklet for
Hex(3D0202) contains.

Hex(3D0202)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3D0202)

Conversions

Conversions Part 1

Format	Color
Hex	3D0202
RGB	61, 2, 2
RGB Percent	24%, 1%, 1%
CMY	0.7608, 0.9922, 0.9922
CMYK	0.00, 0.97, 0.97, 0.76
HSL	0°, 94%, 12%
HSV	0°, 97%, 24%
XYZ	1.9571, 1.0399, 0.1550
YIQ	19.6410, 35.1640, 12.5080

Conversions

Conversions Part 2

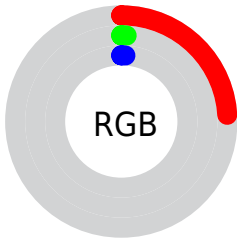
Format	Color
R_{YB}	61, 2, 2
Decimal	3998210
CIE Lab	9.32, 27.91, 13.85
CIE LCh	9, 31.158, 26.395
Yxy	1.0399, 0.6209, 0.3299
Android (android.graphics.Color)	4282188290 (0xFF3D0202)
YUV	19.6410, -8.6970, 36.2718
Hunter-Lab	10.1975, 16.4124, 6.2371

Details

The Hex color **3D0202** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **023D3D**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **713231**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3D0000**, and if you desaturate by 10%, it is **3D0808**.

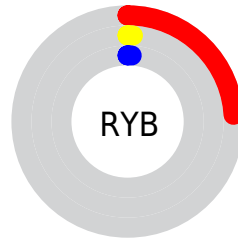
Distribution



Red (24%)

Green (1%)

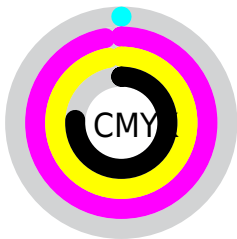
Blue (1%)



Red (24%)

Yellow (1%)

Blue (1%)

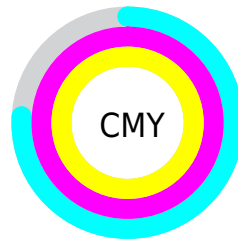


Cyan (0%)

Magenta (97%)

Yellow (97%)

Black (76%)



Cyan (76%)

Magenta (99%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D0202 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 3D0202 by changing the saturation by 10% instead.

 3D0202

 3D0202

 FFE9E3

 260001

 713231

 000000

 8C4947

 A8625F

 C47B78

 E19692

 FFB1AC

 FFCCC7

 3D0202

 3D0202

■ 3D0000

■ 3D0808

■ 3D0E0E

■ 3D1414

■ 3D1A1A

■ 3D2121

■ 3D2727

■ 3D2D2D

■ 3D3333

■ 3D3939

Harmonies

Analogous

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



3C001E



3D0202



340F00

Triad

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



3D0202



002200



001E44

Complementary

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



3D0202



023D3D

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.



00223D



3D0202



002417

Square

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



3D0202



0F1E00



00242C



101640

Rectangle

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



3D0202



2A1600



00242C



001F43

Sweetspot

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



3D0202



4F3838



3D023D



291B1B



A8A8A8



292929

Same Dimension

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



3D0202



4F0000



3D2002



1F1C1C



5E0000



DE0000

Inverse Universe

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



023D3D



004F4F



02203D



1C1F1F



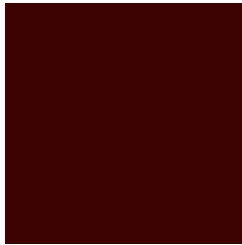
005E5E



00DEDE

Previews

White Background



This preview shows how the Hex color 3D0202 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

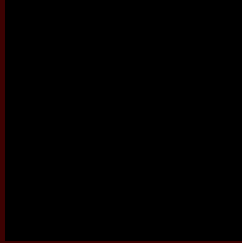
Any Text WCAG AA × Fail

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 3D0202 Background



This preview shows how black text looks on a background with the Hex color 3D0202.



This preview shows how white text looks on a background with the Hex color 3D0202.

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
3D0202

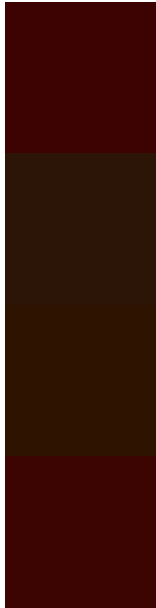
Protanopia
231F08

Deuteranopia
271D00



Tritanopia
3D0600

Trichromacy



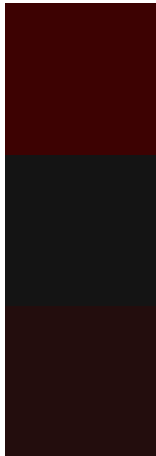
Original Color
3D0202

Protanomaly
2C1406

Deuteranomaly
2F1301

Tritanomaly
3D0501

Monochromacy



Original Color
3D0202

Achromatopsia
141414

Achromatomaly
230D0D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D0202 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 #3D0202 looks like.

```
.text, #text, p{  
    color:#3D0202  
}
```

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 #3D0202 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D0202
}
```

Border

The CSS property to change the border of an element to Hex 3D0202 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".

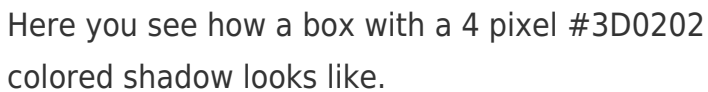
```
.border, #border, table{ border:4px solid
#3D0202 }
```

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

```
.border{ border-color:#3D0202 }
```

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

Here you see how a box with a 4 pixel #3D0202 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #3D0202 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D0202; -webkit-box-shadow:4px 4px  
4px 4px #3D0202; box-shadow:4px 4px 4px  
4px #3D0202 }
```

Background

The CSS property to change the background color of an element to Hex 3D0202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D0202 }
```

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

```
.background{ background-color:#3D0202 }
```

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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