

Converting Colors

Hex(3D2102)

Have a look what the booklet for
Hex(3D2102) contains.

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Color

Hex(3D2102)

Conversions

Conversions Part 1

Format	Color
Hex	3D2102
RGB	61, 33, 2
RGB Percent	24%, 13%, 1%
CMY	0.7608, 0.8706, 0.9922
CMYK	0.00, 0.46, 0.97, 0.76
HSL	32°, 94%, 12%
HSV	32°, 97%, 24%
XYZ	2.4793, 2.0842, 0.3290
YIQ	37.8380, 26.6390, -3.7050

Conversions

Conversions Part 2

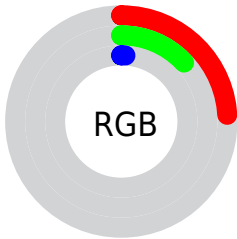
Format	Color
RYB	55, 61, 2
Decimal	4006146
CIELab	15.92, 10.69, 22.75
CIELCh	16, 25.132, 64.836
Yxy	2.0842, 0.5067, 0.4260
Android (android.graphics.Color)	4282196226 (0xFF3D2102)
YUV	37.8380, -17.6681, 20.3131
Hunter-Lab	14.4367, 5.3902, 8.7544

Details

The Hex color **3D2102** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **021E3D**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **6F4D30**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3D2000**, and if you desaturate by 10%, it is **3D2408**.

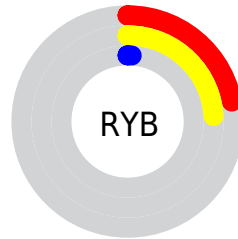
Distribution



Red (24%)

Green (13%)

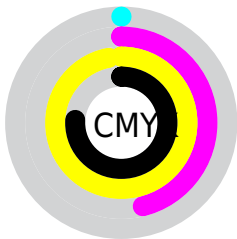
Blue (1%)



Red (22%)

Yellow (24%)

Blue (1%)

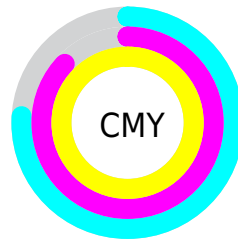


Cyan (0%)

Magenta (46%)

Yellow (97%)

Black (76%)



Cyan (76%)

Magenta (87%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D2102 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 3D2102 by changing the saturation by 10% instead.

 3D2102

 3D2102

 FFFFE4

 250C00

 6F4D30

 000000

 8A6547

 A57E5F

 C19878

 DDB392

 FACFAD

 FFEBC8

 3D2102

 3D2102

■ 3D2000

■ 3D2408

■ 3D270E

■ 3D2A14

■ 3D2D1A

■ 3D2F21

■ 3D3227

■ 3D352D

■ 3D3833

■ 3D3B39

Harmonies

Analogous

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



461A14



3D2102



2F2800

Triad

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



3D2102



00302A



2C2245

Complementary

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



3D2102



021E3D

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.



01294B



3D2102



00303C

Square

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



3D2102



002F18



002D48



3F1A37

Rectangle

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



3D2102



232B00



002D48



222448

Sweetspot

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



3D2102



4F4438



3D021F



29221B



A8A8A8



292929

Same Dimension

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



3D2102



4F2A00



3C3D02



1F1D1C



5E3200



DE7500

Inverse Universe

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



021E3D



00264F



03023D



1C1D1F



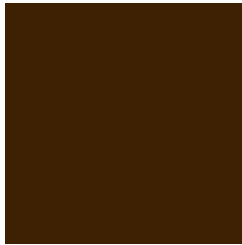
002D5E



0069DE

Previews

White Background



This preview shows how the Hex color 3D2102 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

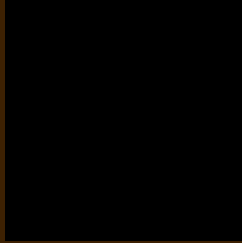
Any Text WCAG AA × Fail

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 3D2102 Background



This preview shows how black text looks on a background with the Hex color 3D2102.

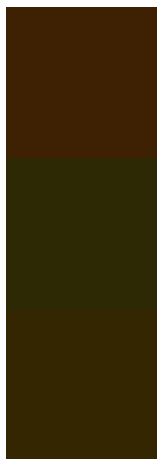


This preview shows how white text looks on a background with the Hex color 3D2102.

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
3D2102

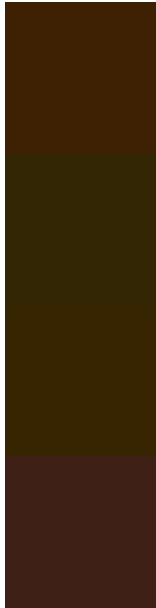
Protanopia
2E2905

Deuteranopia
332600



Tritanopia
3E1F21

Trichromacy



Original Color
3D2102

Protanomaly
332604

Deuteranomaly
372401

Tritanomaly
3E2016

Monochromacy



Original Color
3D2102

Achromatopsia
262626

Achromatomaly
2E2419

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D2102 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 #3D2102 looks like.

```
.text, #text, p{  
    color:#3D2102  
}
```

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 #3D2102 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D2102
}
```

Border

The CSS property to change the border of an element to Hex 3D2102 is called "border". The border property can be set on classes, ids or directly on the HTML element.

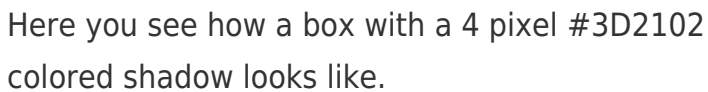
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D2102 }
```

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

```
.border{ border-color:#3D2102 }
```

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



Here you see how a box with a 4 pixel #3D2102 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D2102; -webkit-box-shadow:4px 4px  
4px 4px #3D2102; box-shadow:4px 4px 4px  
4px #3D2102 }
```

Background

The CSS property to change the background color of an element to Hex 3D2102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D2102 }
```

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

```
.background{ background-color:#3D2102 }
```

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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awesome pro features!

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