

Converting Colors

Hex(3D3219)

Have a look what the booklet for
Hex(3D3219) contains.

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Color

Hex(3D3219)

Conversions

Conversions Part 1	
Format	Color
Hex	3D3219
RGB	61, 50, 25
RGB Percent	24%, 20%, 10%
CMY	0.7608, 0.8039, 0.9020
CMYK	0.00, 0.18, 0.59, 0.76
HSL	42°, 42%, 17%
HSV	42°, 59%, 24%
XYZ	3.2405, 3.3435, 1.3943
YIQ	50.4390, 14.5810, -5.4430

Conversions

Conversions Part 2

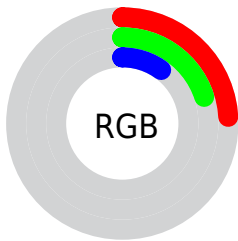
Format	Color
RYB	41, 61, 25
Decimal	4010521
CIELab	21.37, 1.05, 17.64
CIELCh	21, 17.672, 86.588
Yxy	3.3435, 0.4062, 0.4191
Android (android.graphics.Color)	4282200601 (0xFF3D3219)
YUV	50.4390, -12.5414, 9.2620
Hunter-Lab	18.2852, -0.3650, 8.2787

Details

The Hex color **3D3219** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **19243D**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **6E6045**, and **0A0400** is the 20% darker color. If you saturate the color by 10%, you get **3D3013**, and if you desaturate by 10%, it is **3D341F**.

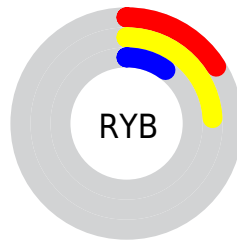
Distribution



 Red (24%)

 Green (20%)

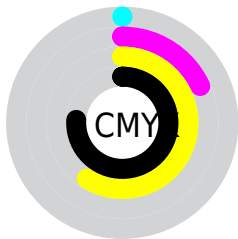
 Blue (10%)



 Red (16%)

 Yellow (24%)

 Blue (10%)

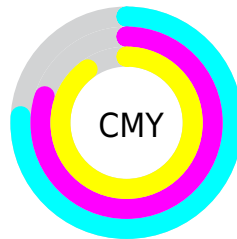


 Cyan (0%)

 Magenta (18%)

 Yellow (59%)

 Black (76%)



 Cyan (76%)

 Magenta (80%)

 Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D3219 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 3D3219 by changing the saturation by 10% instead.

 3D3219

 3D3219

FFFFFFD

 271D00

 6E6045

 0A0400

 87795C

 000000

 A29275

 BDAD8F

 D9C8A9

 F6E4C5

 FFFFE1

 3D3219

 3D3219

 3D3013

 3D341F

 3D2E0D

 3D3625

 3D2C07

 3D382B

 3D2B01

 3D3931

 3D2A00

 3D3B38

 3D3D3E

 3D3F44

 3D414A

 3D4350

Harmonies

Analogous

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



472D1E



3D3219



30361B

Triad

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



3D3219



003A3F



422C42

Complementary

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



3D3219



19243D

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.



32304B



3D3219



013849

Square

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



3D3219



0D3A31



1D354D



4B2935

Rectangle

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



3D3219



263821



1D354D



3E2D45

Sweetspot

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



3D3219



4F4B41



3D1924



292620



A8A8A8



292929

Same Dimension

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



3D3219



4F3E17



363D19



1F1E1C



5E4200



DE9A00

Inverse Universe

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



19243D



17284F



20193D



1C1C1F



001D5E



0044DE

Previews

White Background



This preview shows how the Hex color 3D3219 looks on a white background.

Color Contrast Check

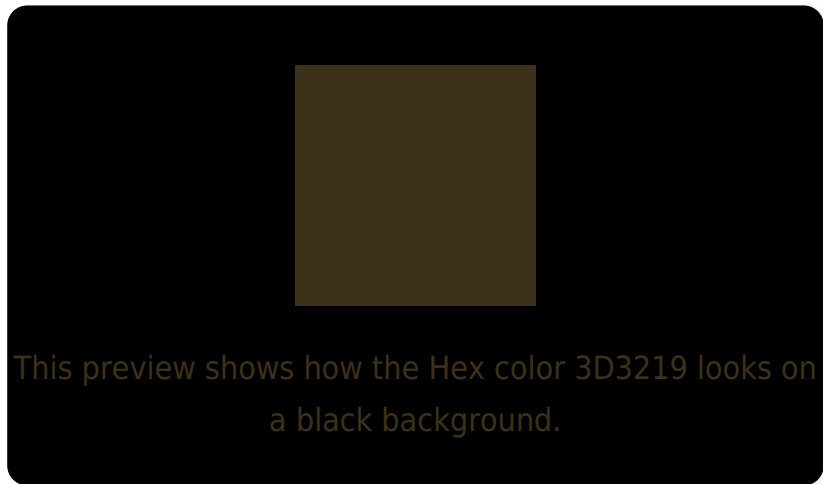
Large Text (above 18pt) WCAG AA ✓ Pass

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

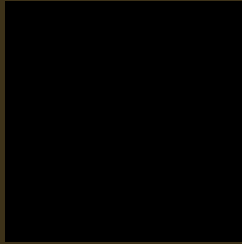
Any Text WCAG AA × Fail

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 3D3219 Background



This preview shows how black text looks on a background with the Hex color 3D3219.

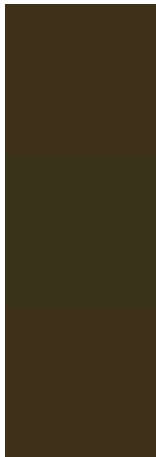


This preview shows how white text looks on a background with the Hex color 3D3219.

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](#).

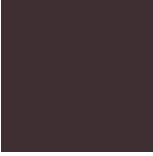
Dichromacy



Original Color
3D3219

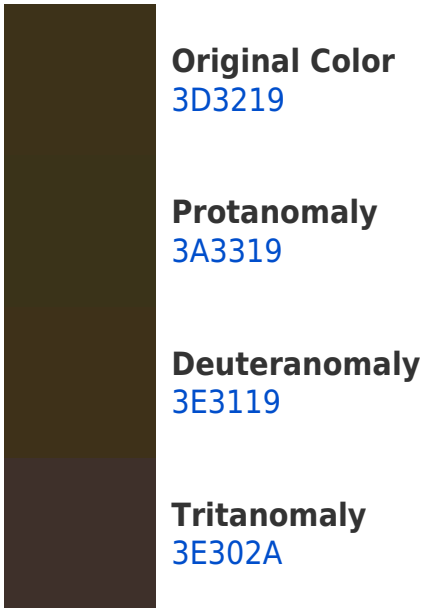
Protanopia
393419

Deuteranopia
3F3119

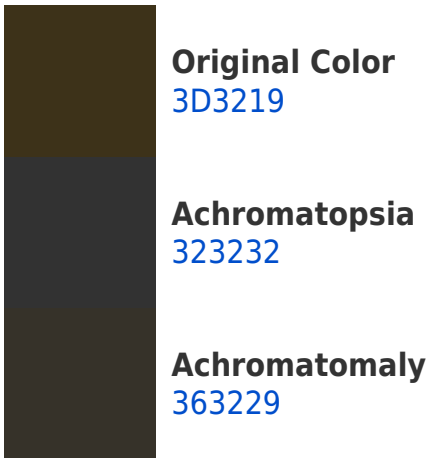


Tritanopia
3F2F33

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3D3219 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 #3D3219 looks like.

```
.text, #text, p{  
    color:#3D3219  
}
```

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 #3D3219 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D3219
}
```

Border

The CSS property to change the border of an element to Hex 3D3219 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
#3D3219 }
```

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

```
.border{ border-color:#3D3219 }
```

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

Here you see how a box with a 4 pixel #3D3219 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D3219; -webkit-box-shadow:4px 4px  
4px 4px #3D3219; box-shadow:4px 4px 4px  
4px #3D3219 }
```

Background

The CSS property to change the background color of an element to Hex 3D3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D3219 }
```

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

```
.background{ background-color:#3D3219 }
```

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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