

Converting Colors

Hex(3D1221)

Have a look what the booklet for
Hex(3D1221) contains.

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Color

Hex(3D1221)

Conversions

Conversions Part 1

Format	Color
Hex	3D1221
RGB	61, 18, 33
RGB Percent	24%, 7%, 13%
CMY	0.7608, 0.9294, 0.8706
CMYK	0.00, 0.70, 0.46, 0.76
HSL	339°, 54%, 15%
HSV	339°, 70%, 24%
XYZ	2.4153, 1.5345, 1.6077
YIQ	32.5670, 20.8130, 13.7810

Conversions

Conversions Part 2

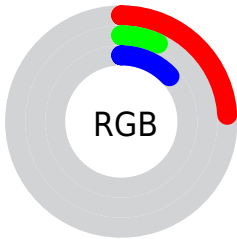
Format	Color
R_{YB}	61, 18, 33
Decimal	4002337
CIE Lab	12.83, 22.75, 0.63
CIE LCh	13, 22.758, 1.595
Yxy	1.5345, 0.4346, 0.2761
Android (android.graphics.Color)	4282192417 (0xFF3D1221)
YUV	32.5670, 0.2135, 24.9357
Hunter-Lab	12.3876, 13.1251, 0.9763

Details

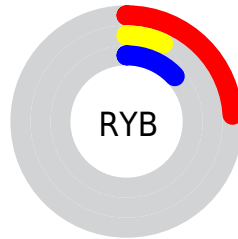
The Hex color **3D1221** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **123D2E**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **6F3F4D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3D0C1D**, and if you desaturate by 10%, it is **3D1825**.

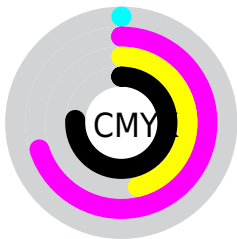
Distribution



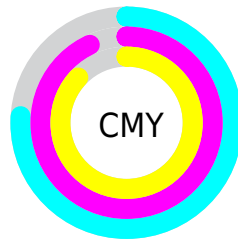
- Red (24%)
- Green (7%)
- Blue (13%)



- Red (24%)
- Yellow (7%)
- Blue (13%)



- Cyan (0%)
- Magenta (70%)
- Yellow (46%)
- Black (76%)



- Cyan (76%)
- Magenta (93%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D1221 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 3D1221 by changing the saturation by 10% instead.

 3D1221

 3D1221

 FFF8FF

 28000A

 6F3F4D

 000000

 895765

 A4707E

 BF8998

 DCA4B2

 F9BFCE

 FFDBEA

 3D1221

 3D1221

■ 3D0C1D

■ 3D1825

■ 3D0619

■ 3D1E29

■ 3D0015

■ 3D242D

■ 3D2A31

■ 3D3135

■ 3D3739

■ 3D3D3D

■ 3D4341

■ 3D4945

Harmonies

Analogous

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



351630



3D1221



3C1511

Triad

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



3D1221



1A2500



00273D

Complementary

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



3D1221



123D2E

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.



002831



3D1221



012811

Square

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



3D1221



2A2100



002922



002341

Rectangle

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



3D1221



381804



002922



00273A

Sweetspot

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



3D1221



4F3E44



2E123D



291F22



A8A8A8



292929

Same Dimension

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



3D1221



4F0C23



3D1812



1F1C1D



5E0021



DE004D

Inverse Universe

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



3D1221



4F0C23



12373D



1F1C1D



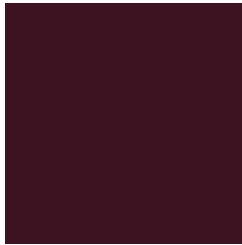
5E0021



DE004D

Previews

White Background



This preview shows how the Hex color 3D1221 looks on a white background.

Color Contrast Check

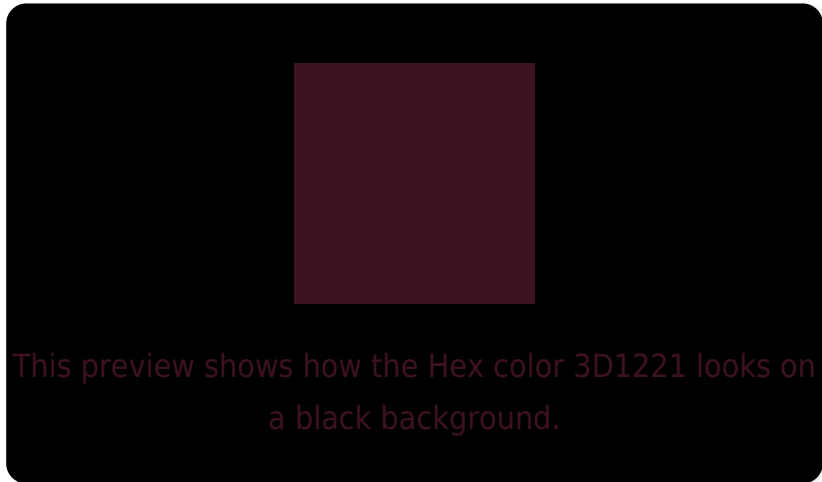
Large Text (above 18pt) WCAG AA ✓ Pass

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

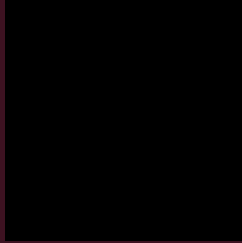
Any Text WCAG AA × Fail

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 3D1221 Background



This preview shows how black text looks on a background with the Hex color 3D1221.



This preview shows how white text looks on a background with the Hex color 3D1221.

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
3D1221

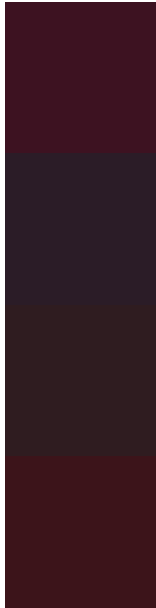
Protanopia
21222A

Deuteranopia
27211F



Tritanopia
3C1516

Trichromacy



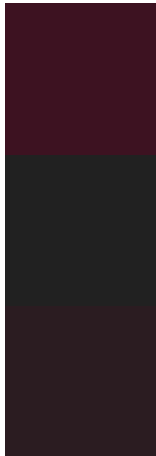
Original Color
3D1221

Protanomaly
2B1C27

Deuteranomaly
2F1C20

Tritanomaly
3C141A

Monochromacy



Original Color
3D1221

Achromatopsia
212121

Achromatomaly
2B1C21

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D1221 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 #3D1221 looks like.

```
.text, #text, p{  
    color:#3D1221  
}
```

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 #3D1221 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D1221
}
```

Border

The CSS property to change the border of an element to Hex 3D1221 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".

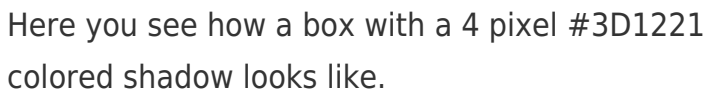
```
.border, #border, table{ border:4px solid
#3D1221 }
```

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

```
.border{ border-color:#3D1221 }
```

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

Here you see how a box with a 4 pixel #3D1221 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 #3D1221 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D1221; -webkit-box-shadow:4px 4px  
4px 4px #3D1221; box-shadow:4px 4px 4px  
4px #3D1221 }
```

Background

The CSS property to change the background color of an element to Hex 3D1221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D1221 }
```

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

```
.background{ background-color:#3D1221 }
```

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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