

Converting Colors

Hex(012221)

Have a look what the booklet for
Hex(012221) contains.

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Color

Hex(012221)

Conversions

Conversions Part 1

Format	Color
Hex	012221
RGB	1, 34, 33
RGB Percent	0%, 13%, 13%
CMY	0.9961, 0.8667, 0.8706
CMYK	0.97, 0.00, 0.03, 0.87
HSL	178°, 94%, 7%
HSV	178°, 97%, 13%
XYZ	0.8591, 1.2603, 1.6368
YIQ	24.0190, -19.3470, -7.3070

Conversions

Conversions Part 2

Format	Color
R_{YB}	1, 18, 34
Decimal	74273
CIE _{Lab}	11.00, -12.21, -2.82
CIE _{LCh}	11, 12.528, 192.996
Yxy	1.2603, 0.2287, 0.3355
Android (android.graphics.Color)	4278264353 (0xFF012221)
YUV	24.0190, 4.4276, -20.1877
Hunter-Lab	11.2264, -5.9871, -0.7862

Details

The Hex color **012221** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **220102**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **2E4F4D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002221**, and if you desaturate by 10%, it is **042221**.

Distribution



- Red (0%)
- Green (13%)
- Blue (13%)



- Red (0%)
- Yellow (7%)
- Blue (13%)



- Cyan (97%)
- Magenta (0%)
- Yellow (3%)
- Black (87%)



- Cyan (100%)
- Magenta (87%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 012221 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 012221 by changing the saturation by 10% instead.

■ 012221

■ 012221

■ E4FFFF

■ 00070A

■ 2E4F4D

■ 000000

■ 466765

■ 5E807E

■ 789A98

■ 92B5B2

■ ACD0CE

■ C8ECEA

■ 012221

■ 012221

■ 002221

■ 042221

■ 082221

■ 0B2221

■ 0F2221

■ 122222

■ 152222

■ 192222

■ 1C2222

■ 202222

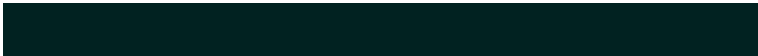
Harmonies

Analogous

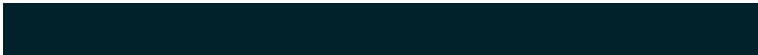
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0B2218



012221



002129

Triad

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



012221



231A2A



281B0B

Complementary

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



012221



220102

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.



2D1812



012221



2B1723

Square

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



012221



171D2E



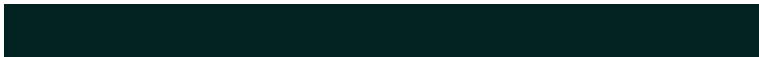
2E171A



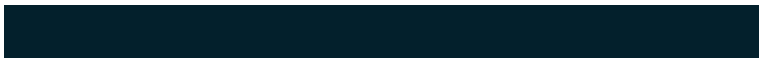
201E0A

Rectangle

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



012221



03202C



2E171A



2A1A0D

Sweetspot

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



012221



1F2B2B



022201



0F1717



969696



171717

Same Dimension

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



012221



002B2A



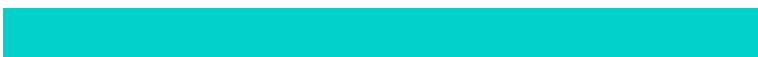
011322



101212



00524F



00D1CB

Inverse Universe

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



220102



2B0001



221001



121010



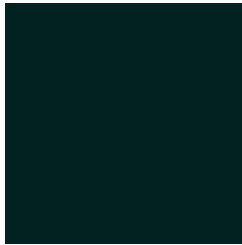
520002



D10006

Previews

White Background



This preview shows how the Hex color 012221 looks on a white background.

Color Contrast Check

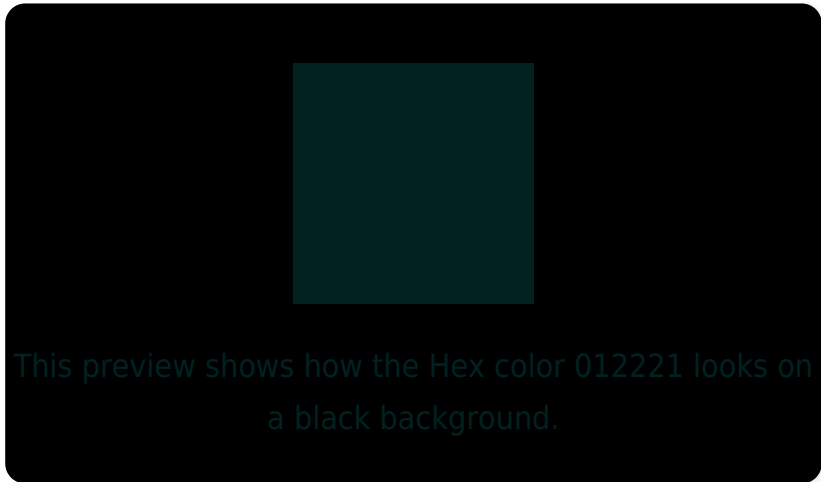
Large Text (above 18pt) WCAG AA ✓ Pass

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

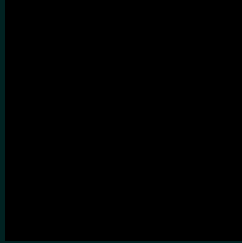
Any Text WCAG AA × Fail

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 012221 Background



This preview shows how black text looks on a background with the Hex color 012221.



This preview shows how white text looks on a background with the Hex color 012221.

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
012221

Protanopia
1F1E1F

Deuteranopia
1F1D22



Tritanopia
072224

Trichromacy



Original Color
012221

Protanomaly
141F20

Deuteranomaly
141F22

Tritanomaly
052223

Monochromacy



Original Color
012221

Achromatopsia
181818

Achromatomaly
101C1B

CSS Examples

Text

The CSS property to change the color of the text to Hex 012221 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 #012221 looks like.

```
.text, #text, p{  
    color:#012221  
}
```

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 #012221 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #012221
}
```

Border

The CSS property to change the border of an element to Hex 012221 is called "border". The border property can be set on classes, ids or directly on the HTML element.

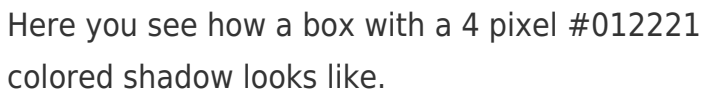
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#012221 }
```

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

```
.border{ border-color:#012221 }
```

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



Here you see how a box with a 4 pixel #012221 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #012221; -webkit-box-shadow:4px 4px  
4px 4px #012221; box-shadow:4px 4px 4px  
4px #012221 }
```

Background

The CSS property to change the background color of an element to Hex 012221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#012221 }
```

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

```
.background{ background-color:#012221 }
```

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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