

Converting Colors

Hex(012344)

Have a look what the booklet for
Hex(012344) contains.

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Color

Hex(012344)

Conversions

Conversions Part 1

Format	Color
Hex	012344
RGB	1, 35, 68
RGB Percent	0%, 14%, 27%
CMY	0.9961, 0.8627, 0.7333
CMYK	0.99, 0.49, 0.00, 0.73
HSL	210°, 97%, 14%
HSV	210°, 99%, 27%
XYZ	1.6569, 1.6259, 5.6953
YIQ	28.5960, -30.8570, 3.0550

Conversions

Conversions Part 2

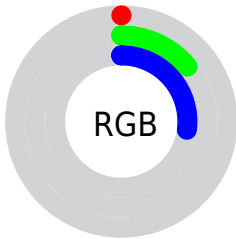
Format	Color
RYB	1, 24, 68
Decimal	74564
CIELab	13.39, 2.98, -24.13
CIElCh	13, 24.313, 277.037
Yxy	1.6259, 0.1846, 0.1811
Android (android.graphics.Color)	4278264644 (0xFF012344)
YUV	28.5960, 19.4262, -24.2017
Hunter-Lab	12.7510, 0.8812, -17.5567

Details

The Hex color **012344** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **442201**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **394F74**, and **000118** is the 20% darker color. If you saturate the color by 10%, you get **002344**, and if you desaturate by 10%, it is **082644**.

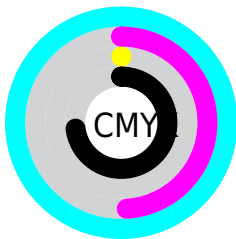
Distribution



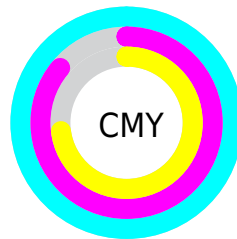
- Red (0%)
- Green (14%)
- Blue (27%)



- Red (0%)
- Yellow (9%)
- Blue (27%)



- Cyan (99%)
- Magenta (49%)
- Yellow (0%)
- Black (73%)





- Cyan (100%)
- Magenta (86%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 012344 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 012344 by changing the saturation by 10% instead.

 012344

 012344

 F5FFFF

 000D2E

 394F74

 000118

 52678E

 000000

 6B80A9

 869AC4

 A1B4E0

 BCD0FD

 D8ECFF

 012344

 012344

■ 002344

■ 082644

■ 0F2A44

■ 152D44

■ 1C3044

■ 233444

■ 2A3744

■ 313A44

■ 373E44

■ 3E4144

Harmonies

Analogous

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



002841



012344



281C3D

Triad

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



012344



3E160E



002914

Complementary

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



012344



442201

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.



172700



012344



361C00

Square

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



012344



41121F



282300



002A26

Rectangle

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



012344



351735



282300



04290E

Sweetspot

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



012344



3E4C59



014421



1D262E



ADADAD



2E2E2E

Same Dimension

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



012344



002D59



010244



1E2021



003161



0072E0

Inverse Universe

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



440123



59002D



444301



211E20



610031



E00072

Previews

White Background



This preview shows how the Hex color 012344 looks on a white background.

Color Contrast Check

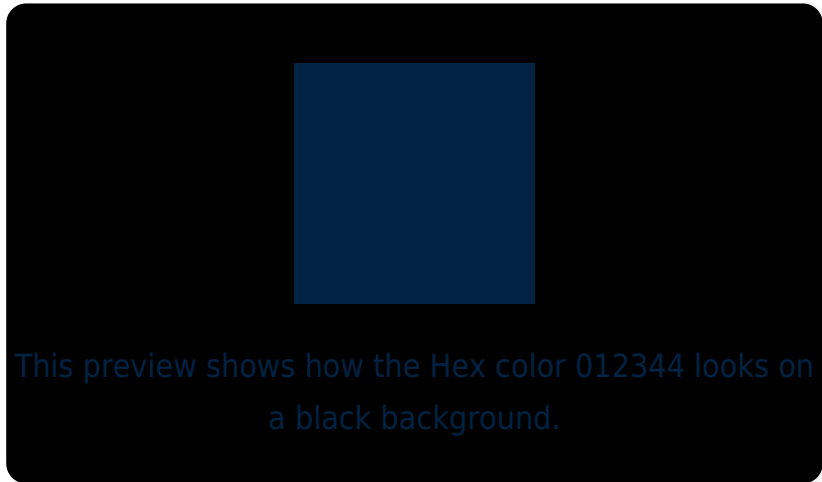
Large Text (above 18pt) WCAG AA ✓ Pass

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

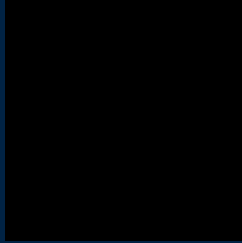
Any Text WCAG AA × Fail

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 012344 Background



This preview shows how black text looks on a background with the Hex color 012344.



This preview shows how white text looks on a background with the Hex color 012344.

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
012344

Protanopia
112243

Deuteranopia
00243F

Trichromacy



Original Color
012344

Protanomaly
0B2243

Deuteranomaly
002441

Tritanomaly
002633

Monochromacy



Original Color
012344

Achromatopsia
1D1D1D

Achromatomaly
131F2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 012344 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 #012344 looks like.

```
.text, #text, p{  
    color:#012344  
}
```

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 #012344 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #012344
}
```

Border

The CSS property to change the border of an element to Hex 012344 is called "border". The border property can be set on classes, ids or directly on the HTML element.

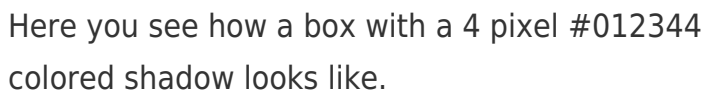
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#012344 }
```

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

```
.border{ border-color:#012344 }
```

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



Here you see how a box with a 4 pixel #012344 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #012344; -webkit-box-shadow:4px 4px  
4px 4px #012344; box-shadow:4px 4px 4px  
4px #012344 }
```

Background

The CSS property to change the background color of an element to Hex 012344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#012344 }
```

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

```
.background{ background-color:#012344 }
```

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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