

Converting Colors

Hex(042424)

Have a look what the booklet for
Hex(042424) contains.

Hex(042424)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(042424)

Conversions

Conversions Part 1

Format	Color
Hex	042424
RGB	4, 36, 36
RGB Percent	2%, 14%, 14%
CMY	0.9843, 0.8588, 0.8588
CMYK	0.89, 0.00, 0.00, 0.86
HSL	180°, 80%, 8%
HSV	180°, 89%, 14%
XYZ	0.9994, 1.4149, 1.8895
YIQ	26.4320, -19.0720, -6.7840

Conversions

Conversions Part 2

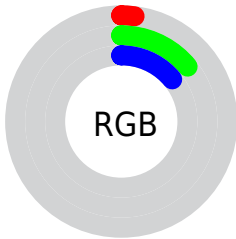
Format	Color
R_{YB}	4, 20, 36
Decimal	271396
CIE _{Lab}	12.06, -11.40, -3.41
CIE _{LCh}	12, 11.894, 196.641
Yxy	1.4149, 0.2322, 0.3288
Android (android.graphics.Color)	4278461476 (0xFF042424)
YUV	26.4320, 4.7170, -19.6729
Hunter-Lab	11.8951, -5.8196, -1.0914

Details

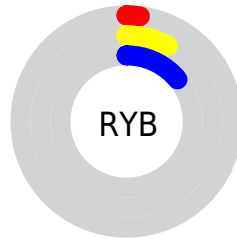
The Hex color **042424** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **240404**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **325150**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002424**, and if you desaturate by 10%, it is **082424**.

Distribution



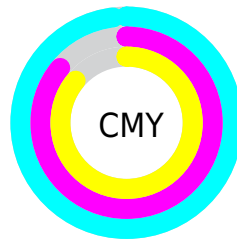
- Red (2%)
- Green (14%)
- Blue (14%)



- Red (2%)
- Yellow (8%)
- Blue (14%)



- Cyan (89%)
- Magenta (0%)
- Yellow (0%)
- Black (86%)



- Cyan (98%)
- Magenta (86%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 042424 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 042424 by changing the saturation by 10% instead.

■ 042424

■ 042424

■ E9FFFF

■ 000E0F

■ 325150

■ 000000

■ 4A6968

■ 628282

■ 7B9C9C

■ 96B7B6

■ B1D3D2

■ CCEFEE

■ 042424

■ 042424

■ 002424

■ 082424

■ 0B2424

■ 0F2424

■ 122424

■ 162424

■ 1A2424

■ 1D2424

■ 212424

■ 242424

Harmonies

Analogous

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



0D241C



042424



03232B

Triad

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



042424



261C2B



281E0F

Complementary

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



042424



240404

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.



2E1B14



042424



2D1A24

Square

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



042424



1B1F2F



30191B



21210F

Rectangle

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



042424



09222E



30191B



2B1D10

Sweetspot

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



042424



222E2E



042404



101717



969696



171717

Same Dimension

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



042424



002E2E



041424



101212



005252



00D1D1

Inverse Universe

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



240424



2E002E



241404



121012



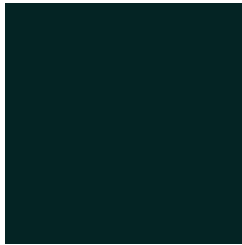
520052



D100D1

Previews

White Background



This preview shows how the Hex color 042424 looks on a white background.

Color Contrast Check

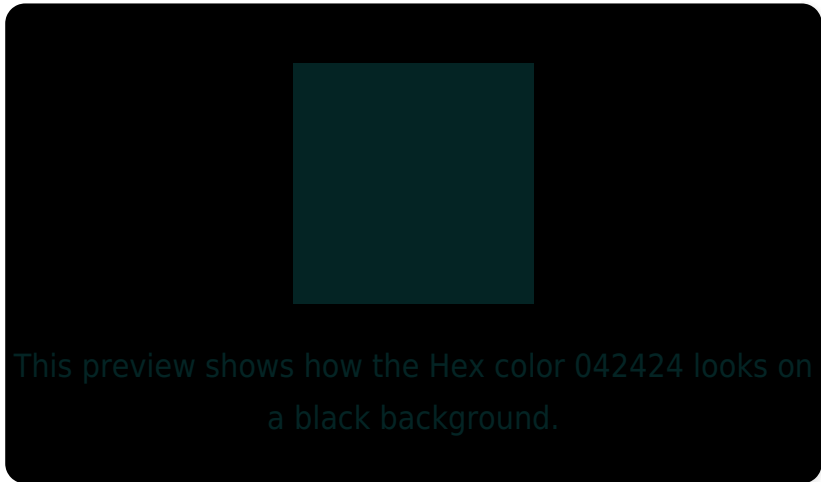
Large Text (above 18pt) WCAG AA ✓ Pass

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

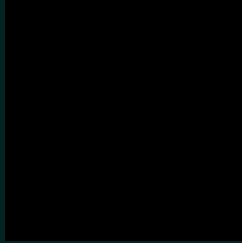
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

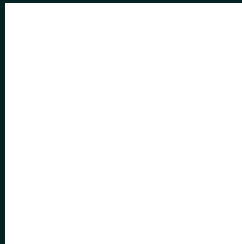
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 042424 Background



This preview shows how black text looks on a background with the Hex color 042424.



This preview shows how white text looks on a background with the Hex color 042424.

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
042424

Protanopia
202022

Deuteranopia
211F25

Trichromacy



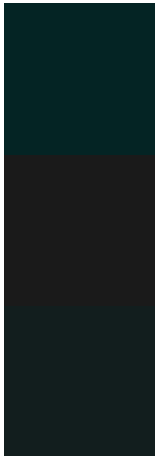
Original Color
042424

Protanomaly
162123

Deuteranomaly
162125

Tritanomaly
062426

Monochromacy



Original Color
042424

Achromatopsia
1A1A1A

Achromatomaly
121E1E

CSS Examples

Text

The CSS property to change the color of the text to Hex 042424 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 #042424 looks like.

```
.text, #text, p{  
    color:#042424  
}
```

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 #042424 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #042424
}
```

Border

The CSS property to change the border of an element to Hex 042424 is called "border". The border property can be set on classes, ids or directly on the HTML element.

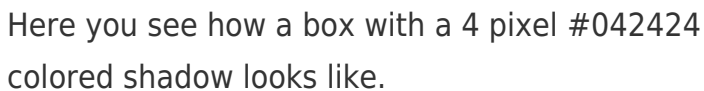
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#042424 }
```

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

```
.border{ border-color:#042424 }
```

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



Here you see how a box with a 4 pixel #042424 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #042424; -webkit-box-shadow:4px 4px  
4px 4px #042424; box-shadow:4px 4px 4px  
4px #042424 }
```

Background

The CSS property to change the background color of an element to Hex 042424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#042424 }
```

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

```
.background{ background-color:#042424 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor