

Converting Colors

Hex(042704)

Have a look what the booklet for
Hex(042704) contains.

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Color

Hex(042704)

Conversions

Conversions Part 1

Format	Color
Hex	042704
RGB	4, 39, 4
RGB Percent	2%, 15%, 2%
CMY	0.9843, 0.8471, 0.9843
CMYK	0.90, 0.00, 0.90, 0.85
HSL	120°, 81%, 8%
HSV	120°, 90%, 15%
XYZ	0.7975, 1.4856, 0.3596
YIQ	24.5450, -9.6250, -18.3050

Conversions

Conversions Part 2

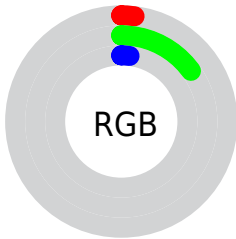
Format	Color
R_YB	4, 39, 39
Decimal	272132
CIE _{Lab}	12.52, -21.28, 16.44
CIE _{LCh}	13, 26.889, 142.319
Yxy	1.4856, 0.3018, 0.5622
Android (android.graphics.Color)	4278462212 (0xFF042704)
YUV	24.5450, -10.1287, -18.0180
Hunter-Lab	12.1886, -9.6507, 6.7829

Details

The Hex color **042704** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **270427**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **315532**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002700**, and if you desaturate by 10%, it is **082708**.

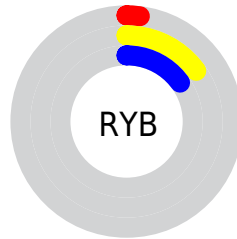
Distribution



Red (2%)

Green (15%)

Blue (2%)



Red (2%)

Yellow (15%)

Blue (15%)

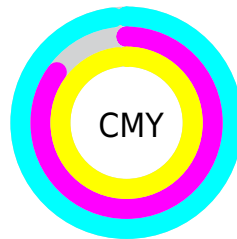


Cyan (90%)

Magenta (0%)

Yellow (90%)

Black (85%)



Cyan (98%)

Magenta (85%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 042704 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 042704 by changing the saturation by 10% instead.

 042704

 042704

 E7FFE5

 001000

 315532

 000000

 486D48

 618760

 7AA179

 94BC93

 AFD8AE

 CBF4C9

 042704

 042704

■ 002700

■ 082708

■ 0C270C

■ 102710

■ 142714

■ 172717

■ 1B271B

■ 1F271F

■ 232723

■ 272727

Harmonies

Analogous

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



1D2400



042704



00291B

Triad

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



042704



002446



410E13

Complementary

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



042704



270427

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.



3F0D26



042704



151E43

Square

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



042704



00283E



321537



3B1600

Rectangle

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



042704



002928



321537



410D1A

Sweetspot

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



042704



253325



272704



111A11



999999



1A1A1A

Same Dimension

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



042704



003300



042716



121412



005400



00D400

Inverse Universe

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



270427



330033



270416



141214



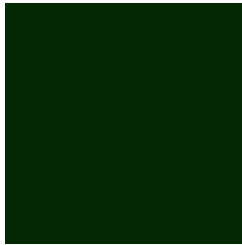
540054



D400D4

Previews

White Background



This preview shows how the Hex color 042704 looks on a white background.

Color Contrast Check

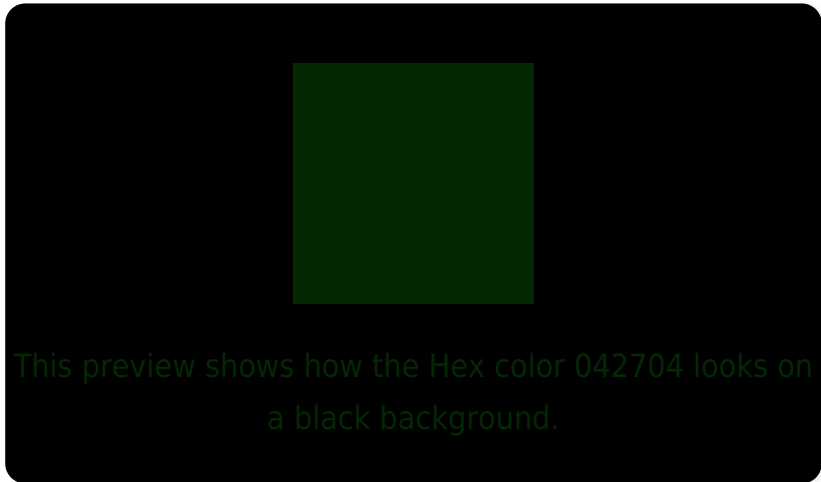
Large Text (above 18pt) WCAG AA ✓ Pass

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

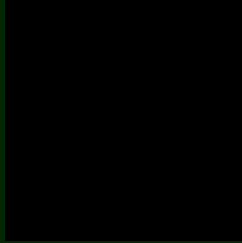
Any Text WCAG AA × Fail

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 042704 Background



This preview shows how black text looks on a background with the Hex color 042704.



This preview shows how white text looks on a background with the Hex color 042704.

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
042704

Protanopia
262101

Deuteranopia
2A2009



Tritanopia
112427

Trichromacy



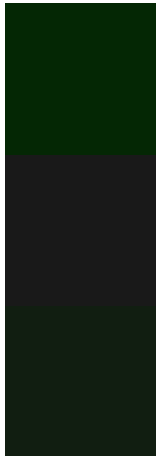
Original Color
042704

Protanomaly
1A2302

Deuteranomaly
1C2307

Tritanomaly
0C251A

Monochromacy



Original Color
042704

Achromatopsia
191919

Achromatomaly
111E11

CSS Examples

Text

The CSS property to change the color of the text to Hex 042704 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 #042704 looks like.

```
.text, #text, p{  
    color:#042704  
}
```

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 #042704 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #042704
}
```

Border

The CSS property to change the border of an element to Hex 042704 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".

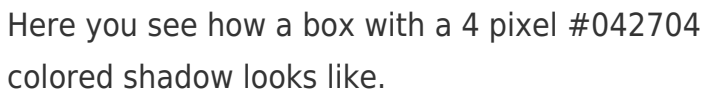
```
.border, #border, table{ border:4px solid
#042704 }
```

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

```
.border{ border-color:#042704 }
```

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

Here you see how a box with a 4 pixel #042704 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #042704; -webkit-box-shadow:4px 4px  
4px 4px #042704; box-shadow:4px 4px 4px  
4px #042704 }
```

Background

The CSS property to change the background color of an element to Hex 042704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#042704 }
```

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

```
.background{ background-color:#042704 }
```

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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