

Converting Colors

Hex(042415)

Have a look what the booklet for
Hex(042415) contains.

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Color

Hex(042415)

Conversions

Conversions Part 1

Format	Color
Hex	042415
RGB	4, 36, 21
RGB Percent	2%, 14%, 8%
CMY	0.9843, 0.8588, 0.9176
CMYK	0.89, 0.00, 0.42, 0.86
HSL	152°, 80%, 8%
HSV	152°, 89%, 14%
XYZ	0.8163, 1.3417, 0.9254
YIQ	24.7220, -14.2570, -11.4490

Conversions

Conversions Part 2

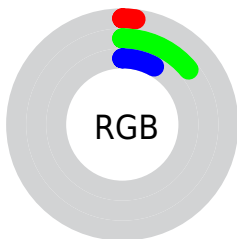
Format	Color
RYB	4, 25, 36
Decimal	271381
CIELab	11.56, -16.41, 6.70
CIELCh	12, 17.722, 157.781
Yxy	1.3417, 0.2647, 0.4351
Android (android.graphics.Color)	4278461461 (0xFF042415)
YUV	24.7220, -1.8349, -18.1732
Hunter-Lab	11.5832, -7.6912, 3.3714

Details

The Hex color **042415** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **240413**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **31513F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002413**, and if you desaturate by 10%, it is **082417**.

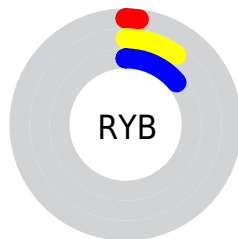
Distribution



Red (2%)

Green (14%)

Blue (8%)



Red (2%)

Yellow (10%)

Blue (14%)

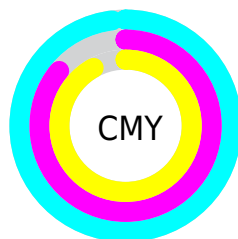


Cyan (89%)

Magenta (0%)

Yellow (42%)

Black (86%)



Cyan (98%)

Magenta (86%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 042415 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 042415 by changing the saturation by 10% instead.

■ 042415

■ 042415

■ E6FFF6

■ 000B00

■ 31513F

■ 000000

■ 486957

■ 60836F

■ 7A9D88

■ 94B8A3

■ AED3BE

■ CAF0D9

■ 042415

■ 042415

■ 002413

■ 082417

■ 0B2418

■ 0F241A

■ 12241C

■ 16241D

■ 1A241F

■ 1D2421

■ 212423

■ 242424

Harmonies

Analogous

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



172207



042415



002522

Triad

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



042415



0E1F37



34160F

Complementary

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



042415



240413

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.



35141C



042415



241A32

Square

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



042415



002235



301628



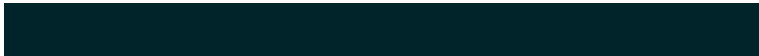
2E1B02

Rectangle

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



042415



00242A



301628



351514

Sweetspot

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



042415



222E28



132404



101714



969696



171717

Same Dimension

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



042415



002E18



042324



101211



00522B



00D16F

Inverse Universe

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



240413



2E0016



240504



121011



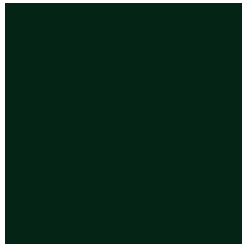
520026



D10062

Previews

White Background



This preview shows how the Hex color 042415 looks on a white background.

Color Contrast Check

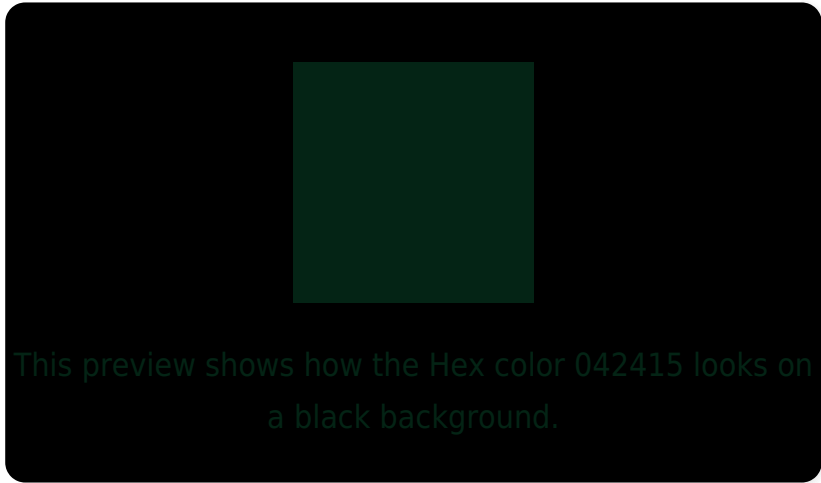
Large Text (above 18pt) WCAG AA ✓ Pass

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

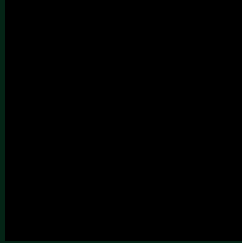
Any Text WCAG AA × Fail

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 042415 Background



This preview shows how black text looks on a background with the Hex color 042415.



This preview shows how white text looks on a background with the Hex color 042415.

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
042415

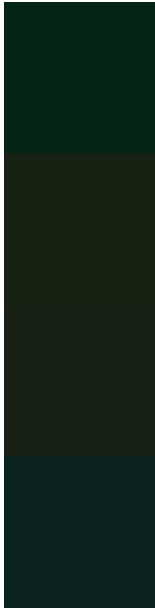
Protanopia
221F13

Deuteranopia
251E16



Tritanopia
0E2225

Trichromacy



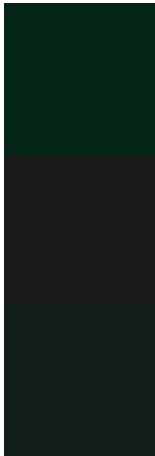
Original Color
042415

Protanomaly
172114

Deuteranomaly
192016

Tritanomaly
0A231F

Monochromacy



Original Color
042415

Achromatopsia
191919

Achromatomaly
111D18

CSS Examples

Text

The CSS property to change the color of the text to Hex 042415 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 #042415 looks like.

```
.text, #text, p{  
    color:#042415  
}
```

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 #042415 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #042415
}
```

Border

The CSS property to change the border of an element to Hex 042415 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
#042415 }
```

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

```
.border{ border-color:#042415 }
```

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

Here you see how a box with a 4 pixel #042415 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #042415; -webkit-box-shadow:4px 4px  
4px 4px #042415; box-shadow:4px 4px 4px  
4px #042415 }
```

Background

The CSS property to change the background color of an element to Hex 042415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#042415 }
```

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

```
.background{ background-color:#042415 }
```

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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