

Converting Colors

Hex(042268)

Have a look what the booklet for
Hex(042268) contains.

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Color

Hex(042268)

Conversions

Conversions Part 1

Format	Color
Hex	042268
RGB	4, 34, 104
RGB Percent	2%, 13%, 41%
CMY	0.9843, 0.8667, 0.5922
CMYK	0.96, 0.67, 0.00, 0.59
HSL	222°, 93%, 21%
HSV	222°, 96%, 41%
XYZ	3.1208, 2.1693, 13.3509
YIQ	33.0100, -40.3500, 15.4100

Conversions

Conversions Part 2

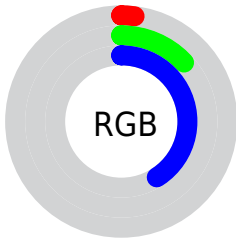
Format	Color
RYB	4, 27, 104
Decimal	270952
CIELab	16.35, 20.66, -43.58
CIELCh	16, 48.230, 295.363
Yxy	2.1693, 0.1674, 0.1164
Android (android.graphics.Color)	4278461032 (0xFF042268)
YUV	33.0100, 34.9981, -25.4418
Hunter-Lab	14.7287, 12.0463, -43.4338

Details

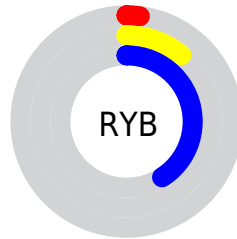
The Hex color **042268** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **684A04**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **484E9C**, and **000138** is the 20% darker color. If you saturate the color by 10%, you get **001F68**, and if you desaturate by 10%, it is **0E2968**.

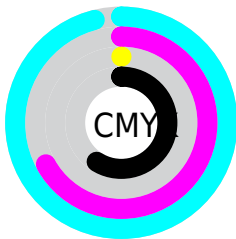
Distribution



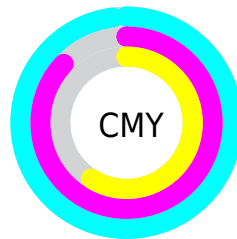
- Red (2%)
- Green (13%)
- Blue (41%)



- Red (2%)
- Yellow (11%)
- Blue (41%)



- Cyan (96%)
- Magenta (67%)
- Yellow (0%)
- Black (59%)



- Cyan (98%)
- Magenta (87%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 042268 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 042268 by changing the saturation by 10% instead.

■ 042268

■ 042268

FFFFFF

■ 000E4F

■ 484E9C

■ 000138

■ 6366B7

■ 000221

■ 7E7FD3

■ 000007

■ 9A99F0

■ 000000

■ B6B3FF

■ D3CFFF

■ F0EBFF

■ 042268

■ 042268

■ 001F68

■ 0E2968

■ 193168

■ 233868

■ 2E3F68

■ 384668

■ 424E68

■ 4D5568

■ 575C68

■ 626468

Harmonies

Analogous

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



002F6F



042268



4A0550

Triad

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



042268



501300



003522

Complementary

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



042268



684A04

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.



003300



042268



382600

Square

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



042268



5F000C



162F00



003645

Rectangle

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



042268



5B003B



162F00



003516

Sweetspot

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



042268



606C87



04684A



2D3445



C4C4C4



454545

Same Dimension

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



042268



002987



180468



2E2F33



002273



0049F2

Inverse Universe

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



680422



870029



546804



332E2F



730022



F20049

Previews

White Background



This preview shows how the Hex color 042268 looks on a white background.

Color Contrast Check

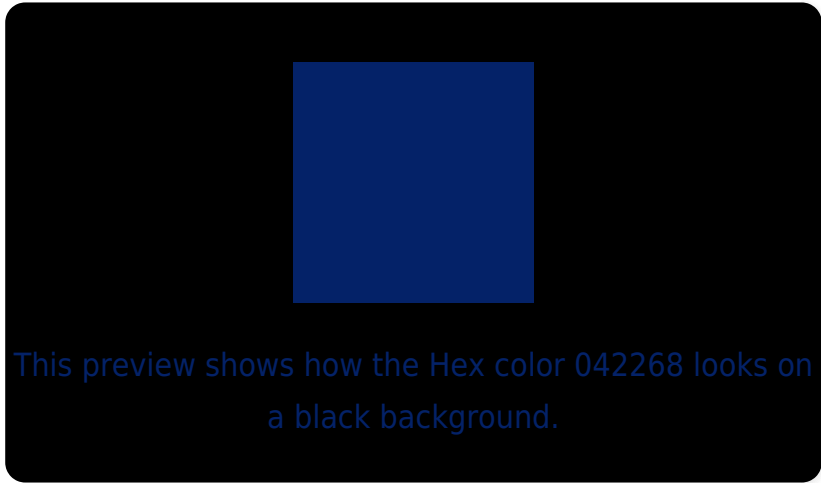
Large Text (above 18pt) WCAG AA ✓ Pass

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

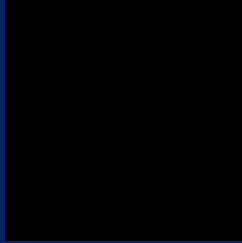
Any Text WCAG AA × Fail

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 042268 Background



This preview shows how black text looks on a background with the Hex color 042268.



This preview shows how white text looks on a background with the Hex color 042268.

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

042268

Protanopia

002855

Tritanopia

002E31

Trichromacy



Original Color
042268

Protanomaly
01265C

Tritanomaly
012A45

Monochromacy



Original Color
042268

Achromatopsia
212121

Achromatomaly
16213B

CSS Examples

Text

The CSS property to change the color of the text to Hex 042268 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 #042268 looks like.

```
.text, #text, p{  
    color:#042268  
}
```

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 #042268 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #042268
}
```

Border

The CSS property to change the border of an element to Hex 042268 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
#042268 }
```

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

```
.border{ border-color:#042268 }
```

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

Here you see how a box with a 4 pixel #042268 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #042268; -webkit-box-shadow:4px 4px  
4px 4px #042268; box-shadow:4px 4px 4px  
4px #042268 }
```

Background

The CSS property to change the background color of an element to Hex 042268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#042268 }
```

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

```
.background{ background-color:#042268 }
```

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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