

Converting Colors

Hex(042A57)

Have a look what the booklet for
Hex(042A57) contains.

Hex(042A57)	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(042A57)

Conversions

Conversions Part 1

Format	Color
Hex	042A57
RGB	4, 42, 87
RGB Percent	2%, 16%, 34%
CMY	0.9843, 0.8353, 0.6588
CMYK	0.95, 0.52, 0.00, 0.66
HSL	213°, 91%, 18%
HSV	213°, 95%, 34%
XYZ	2.5983, 2.3699, 9.3373
YIQ	35.7680, -37.0930, 5.9390

Conversions

Conversions Part 2

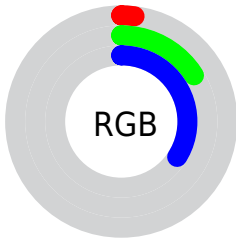
Format	Color
R_{YB}	4, 30, 87
Decimal	272983
CIE Lab	17.32, 7.00, -30.75
CIE LCh	17, 31.536, 282.831
Yxy	2.3699, 0.1816, 0.1657
Android (android.graphics.Color)	4278463063 (0xFF042A57)
YUV	35.7680, 25.2574, -27.8605
Hunter-Lab	15.3944, 3.1880, -25.1858

Details

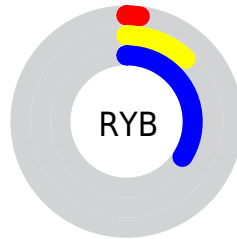
The Hex color **042A57** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **573104**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **415789**, and **000329** is the 20% darker color. If you saturate the color by 10%, you get **002857**, and if you desaturate by 10%, it is **0D2F57**.

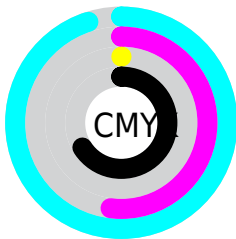
Distribution



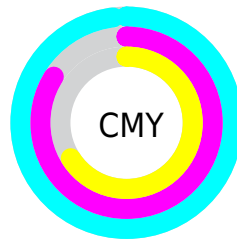
- Red (2%)
- Green (16%)
- Blue (34%)



- Red (2%)
- Yellow (12%)
- Blue (34%)



- Cyan (95%)
- Magenta (52%)
- Yellow (0%)
- Black (66%)



- Cyan (98%)
- Magenta (84%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 042A57 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 042A57 by changing the saturation by 10% instead.



042A57



042A57

FFFFFF



00163F



415789



000329



5B6FA4



000113



7588BF



000000



90A2DB



ACBDF8



C8D9FF



E4F6FF



042A57



042A57

■ 002857

■ 0D2F57

■ 153357

■ 1E3857

■ 273D57

■ 2F4257

■ 384657

■ 414B57

■ 4A5057

■ 525457

Harmonies

Analogous

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



003156



042A57



38204C

Triad

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



042A57



4D1A0B



00341C

Complementary

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



042A57



573104

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.



123103



042A57



402500

Square

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



042A57



531222



2D2C00



003534

Rectangle

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



042A57



471840



2D2C00



003315

Sweetspot

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



042A57



505F70



045730



242D38



B8B8B8



383838

Same Dimension

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



042A57



003370



070457



27292B



00316B



006BEB

Inverse Universe

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



57042A



700033



545704



2B2729



6B0031



EB006B

Previews

White Background



This preview shows how the Hex color 042A57 looks on a white background.

Color Contrast Check

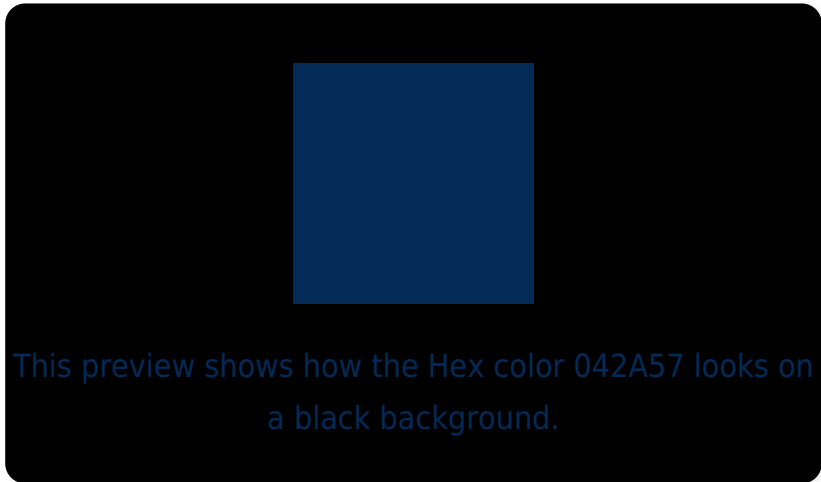
Large Text (above 18pt) WCAG AA ✓ Pass

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 042A57 Background



This preview shows how black text looks on a background with the Hex color 042A57.



This preview shows how white text looks on a background with the Hex color 042A57.

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
042A57

Protanopia
0C2A57

Deuteranopia
002C4D

Trichromacy



Original Color
042A57

Protanomaly
092A57

Deuteranomaly
012B51

Tritanomaly
012E40

Monochromacy



Original Color
042A57

Achromatopsia
242424

Achromatomaly
182637

CSS Examples

Text

The CSS property to change the color of the text to Hex 042A57 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 #042A57 looks like.

```
.text, #text, p{  
    color:#042A57  
}
```

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 #042A57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #042A57
}
```

Border

The CSS property to change the border of an element to Hex 042A57 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
#042A57 }
```

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

```
.border{ border-color:#042A57 }
```

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

Here you see how a box with a 4 pixel #042A57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #042A57; -webkit-box-shadow:4px 4px  
4px 4px #042A57; box-shadow:4px 4px 4px  
4px #042A57 }
```

Background

The CSS property to change the background color of an element to Hex 042A57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#042A57 }
```

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

```
.background{ background-color:#042A57 }
```

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