

Converting Colors

Hex(072555)

Have a look what the booklet for
Hex(072555) contains.

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Color

Hex(072555)

Conversions

Conversions Part 1

Format	Color
Hex	072555
RGB	7, 37, 85
RGB Percent	3%, 15%, 33%
CMY	0.9725, 0.8549, 0.6667
CMYK	0.92, 0.56, 0.00, 0.67
HSL	217°, 85%, 18%
HSV	217°, 92%, 33%
XYZ	2.3889, 2.0242, 8.8591
YIQ	33.5020, -33.2880, 8.5680

Conversions

Conversions Part 2

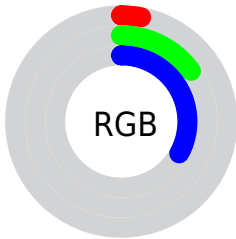
Format	Color
R_YB	7, 29, 85
Decimal	468309
CIE Lab	15.61, 10.20, -32.16
CIE LCh	16, 33.735, 287.591
Yxy	2.0242, 0.1800, 0.1525
Android (android.graphics.Color)	4278658389 (0xFF072555)
YUV	33.5020, 25.3885, -23.2423
Hunter-Lab	14.2274, 5.0736, -26.9596

Details

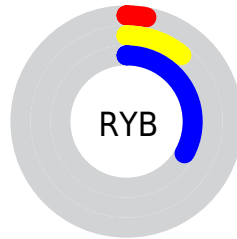
The Hex color **072555** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **553707**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **425187**, and **000327** is the 20% darker color. If you saturate the color by 10%, you get **002155**, and if you desaturate by 10%, it is **0F2A55**.

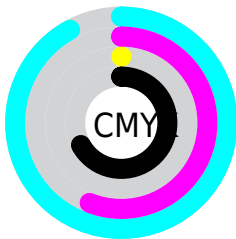
Distribution



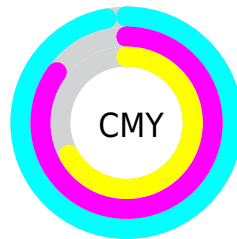
- Red (3%)
- Green (15%)
- Blue (33%)



- Red (3%)
- Yellow (11%)
- Blue (33%)



- Cyan (92%)
- Magenta (56%)
- Yellow (0%)
- Black (67%)



- Cyan (97%)
- Magenta (85%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 072555 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 072555 by changing the saturation by 10% instead.

■ 072555

■ 072555

FFFFFF

■ 00113D

■ 425187

■ 000327

■ 5C69A2

■ 000111

■ 7682BD

■ 000000

■ 919CD9

■ ACB7F5

■ C8D3FF

■ E5EFFF

■ 072555

■ 072555

■ 002155

■ 0F2A55

■ 182F55

■ 203555

■ 293A55

■ 313F55

■ 3A4455

■ 424A55

■ 4B4F55

■ 535455

Harmonies

Analogous

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



002D56



072555



391948

Triad

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



072555



491700



00311C

Complementary

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



072555



553707

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.



052F00



072555



3A2200

Square

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



072555



500B1A



252A00



003135

Rectangle

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



072555



47103A



252A00



003014

Sweetspot

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



072555



4F5B6E



075536



252C38



B8B8B8



383838

Same Dimension

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



072555



002A6E



0F0755



27292B



00296B



005AEB

Inverse Universe

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



550725



6E002A



4D5507



2B2729



6B0029



EB005A

Previews

White Background



This preview shows how the Hex color 072555 looks on a white background.

Color Contrast Check

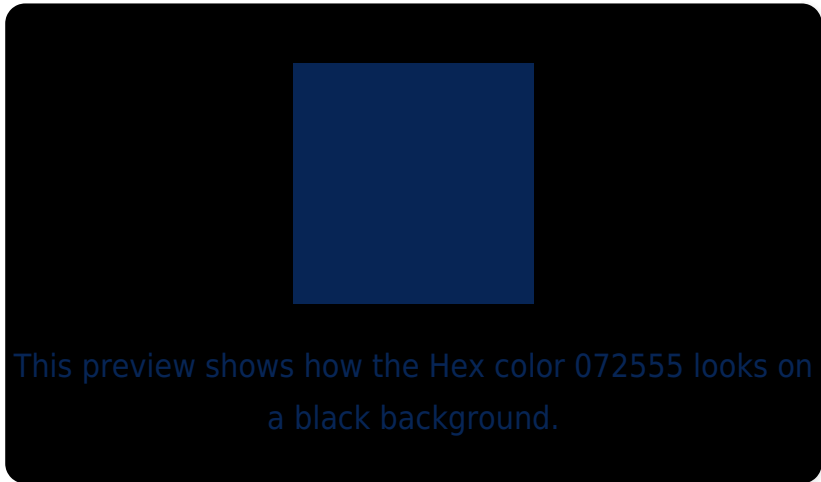
Large Text (above 18pt) WCAG AA ✓ Pass

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

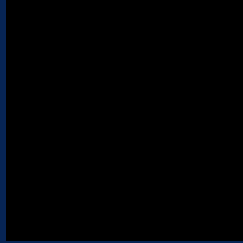
Any Text WCAG AA × Fail

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 072555 Background



This preview shows how black text looks on a background with the Hex color 072555.



This preview shows how white text looks on a background with the Hex color 072555.

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
072555

Protanopia
002651

Deuteranopia
002946

Trichromacy



Original Color
072555

Protanomaly
032652

Deuteranomaly
03284B

Tritanomaly
03293D

Monochromacy



Original Color
072555

Achromatopsia
222222

Achromatomaly
182335

CSS Examples

Text

The CSS property to change the color of the text to Hex 072555 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 #072555 looks like.

```
.text, #text, p{  
    color:#072555  
}
```

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 #072555 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #072555
}
```

Border

The CSS property to change the border of an element to Hex 072555 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
#072555 }
```

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

```
.border{ border-color:#072555 }
```

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

Here you see how a box with a 4 pixel #072555 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #072555; -webkit-box-shadow:4px 4px  
4px 4px #072555; box-shadow:4px 4px 4px  
4px #072555 }
```

Background

The CSS property to change the background color of an element to Hex 072555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#072555 }
```

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

```
.background{ background-color:#072555 }
```

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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