

Converting Colors

Hex(052368)

Have a look what the booklet for
Hex(052368) contains.

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Color

Hex(052368)

Conversions

Conversions Part 1

Format	Color
Hex	052368
RGB	5, 35, 104
RGB Percent	2%, 14%, 41%
CMY	0.9804, 0.8627, 0.5922
CMYK	0.95, 0.66, 0.00, 0.59
HSL	222°, 91%, 21%
HSV	222°, 95%, 41%
XYZ	3.1623, 2.2338, 13.3612
YIQ	33.8960, -40.0290, 15.0990

Conversions

Conversions Part 2

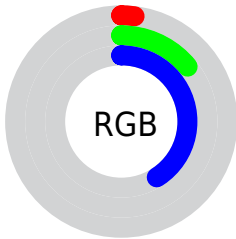
Format	Color
RYB	5, 28, 104
Decimal	336744
CIELab	16.67, 20.00, -43.06
CIELCh	17, 47.477, 294.912
Yxy	2.2338, 0.1686, 0.1191
Android (android.graphics.Color)	4278526824 (0xFF052368)
YUV	33.8960, 34.5613, -25.3418
Hunter-Lab	14.9459, 11.6123, -42.5413

Details

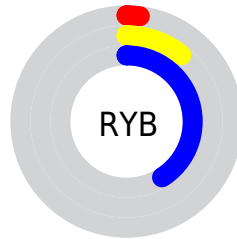
The Hex color **052368** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **684A05**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **484F9C**, and **000138** is the 20% darker color. If you saturate the color by 10%, you get **002068**, and if you desaturate by 10%, it is **0F2A68**.

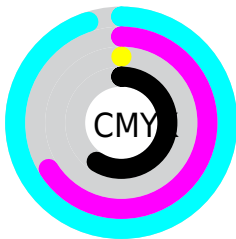
Distribution



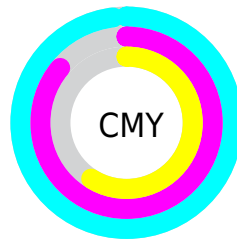
- Red (2%)
- Green (14%)
- Blue (41%)



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



- Cyan (95%)
- Magenta (66%)
- Yellow (0%)
- Black (59%)



- Cyan (98%)
- Magenta (86%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 052368 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 052368 by changing the saturation by 10% instead.

■ 052368

■ 052368

FFFFFF

■ 000F4F

■ 484F9C

■ 000138

■ 6367B7

■ 000221

■ 7E80D3

■ 000007

■ 9A9AF0

■ 000000

■ B6B5FF

■ D3D0FF

■ F0ECCF

■ 052368

■ 052368

■ 002068

■ 0F2A68

■ 1A3168

■ 243968

■ 2F4068

■ 394768

■ 434E68

■ 4E5668

■ 585D68

■ 636468

Harmonies

Analogous

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



00306E



052368



4A0851

Triad

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



052368



511400



003622

Complementary

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



052368



684A05

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.



003400



052368



392600

Square

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



052368



60000E



182F00



003745

Rectangle

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



052368



5B003C



182F00



003516

Sweetspot

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



052368



606C87



056849



2D3445



C4C4C4



454545

Same Dimension

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



052368



002987



170568



2E2F33



002373



0049F2

Inverse Universe

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



680523



870029



566805



332E2F



730023



F20049

Previews

White Background



This preview shows how the Hex color 052368 looks on a white background.

Color Contrast Check

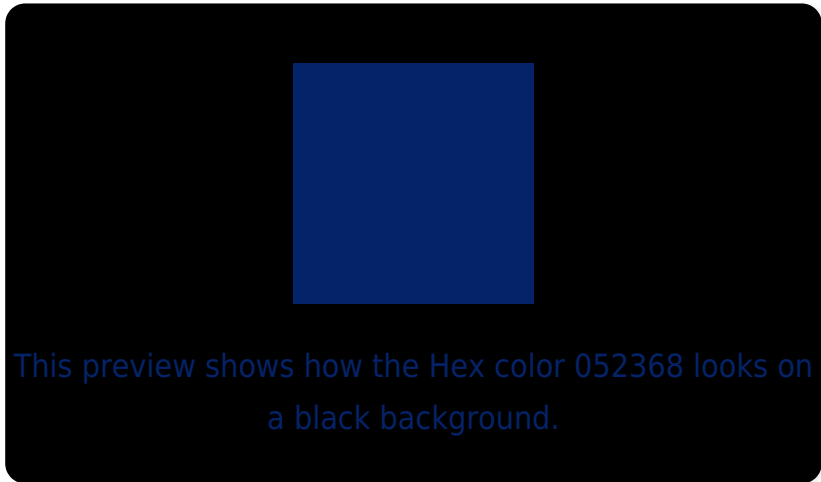
Large Text (above 18pt) WCAG AA ✓ Pass

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

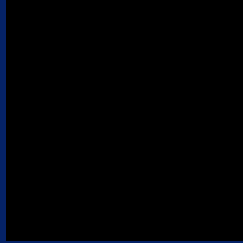
Any Text WCAG AA × Fail

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 052368 Background



This preview shows how black text looks on a background with the Hex color 052368.



This preview shows how white text looks on a background with the Hex color 052368.

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
052368

Protanopia
002956

Deuteranopia
002B49



Tritanopia
002F31

Trichromacy



Original Color
052368

Protanomaly
02275D

Deuteranomaly
022854

Tritanomaly
022B45

Monochromacy



Original Color
052368

Achromatopsia
222222

Achromatomaly
17223B

CSS Examples

Text

The CSS property to change the color of the text to Hex 052368 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 #052368 looks like.

```
.text, #text, p{  
    color:#052368  
}
```

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 #052368 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #052368
}
```

Border

The CSS property to change the border of an element to Hex 052368 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
#052368 }
```

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

```
.border{ border-color:#052368 }
```

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

Here you see how a box with a 4 pixel #052368 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #052368; -webkit-box-shadow:4px 4px  
4px 4px #052368; box-shadow:4px 4px 4px  
4px #052368 }
```

Background

The CSS property to change the background color of an element to Hex 052368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#052368 }
```

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

```
.background{ background-color:#052368 }
```

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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