

Converting Colors

Hex(044C6A)

Have a look what the booklet for
Hex(044C6A) contains.

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Color

Hex(044C6A)

Conversions

Conversions Part 1

Format	Color
Hex	044C6A
RGB	4, 76, 106
RGB Percent	2%, 30%, 42%
CMY	0.9843, 0.7020, 0.5843
CMYK	0.96, 0.28, 0.00, 0.58
HSL	198°, 93%, 22%
HSV	198°, 96%, 42%
XYZ	5.2360, 6.2353, 14.5632
YIQ	57.8920, -52.5420, -5.9340

Conversions

Conversions Part 2

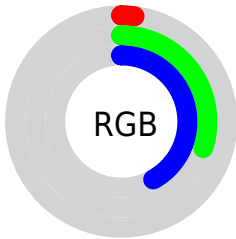
Format	Color
RYB	4, 46, 106
Decimal	281706
CIELab	30.00, -8.02, -22.97
CIELCh	30, 24.333, 250.757
Yxy	6.2353, 0.2011, 0.2395
Android (android.graphics.Color)	4278471786 (0xFF044C6A)
YUV	57.8920, 23.7172, -47.2633
Hunter-Lab	24.9706, -6.2692, -17.0994

Details

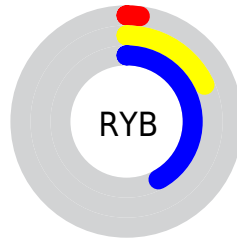
The Hex color **044C6A** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **6A2204**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **487D9D**, and **00203A** is the 20% darker color. If you saturate the color by 10%, you get **004B6A**, and if you desaturate by 10%, it is **0F4F6A**.

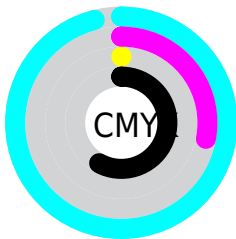
Distribution



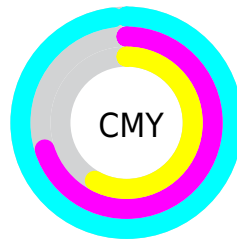
- Red (2%)
- Green (30%)
- Blue (42%)



- Red (2%)
- Yellow (18%)
- Blue (42%)



- Cyan (96%)
- Magenta (28%)
- Yellow (0%)
- Black (58%)



- Cyan (98%)
- Magenta (70%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 044C6A 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 044C6A by changing the saturation by 10% instead.



044C6A



044C6A

FFFFFF



003552



487D9D



00203A



6397B8



000225



7EB1D4



00010E



99CDF1



000000



B5E9FF



D2FFFF



FFFFFF



044C6A



044C6A

■ 004B6A

■ 0F4F6A

■ 19526A

■ 24556A

■ 2E586A

■ 395C6A

■ 445F6A

■ 4E626A

■ 59656A

■ 63686A

Harmonies

Analogous

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



004F5F



044C6A



35466C

Triad

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



044C6A



6B3740



374D29

Complementary

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



044C6A



6A2204

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.



4C4821



044C6A



683B2F

Square

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



044C6A



633954



5D4123



1D503A

Rectangle

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



044C6A



494267



5D4123



3E4B25

Sweetspot

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



044C6A



627E8A



046A21



2D3E45



C4C4C4



454545

Same Dimension

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



044C6A



00618A



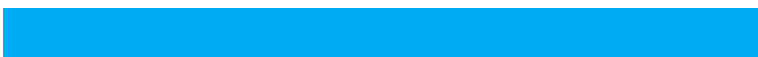
041A6A



303436



005375



00ADF5

Inverse Universe

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



6A044C



8A0061



6A5404



363034



750053



F500AD

Previews

White Background



This preview shows how the Hex color 044C6A looks on a white background.

Color Contrast Check

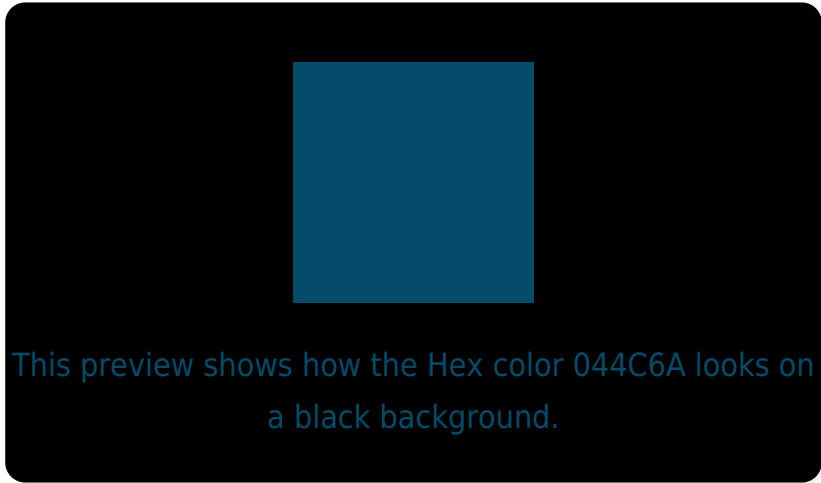
Large Text (above 18pt) WCAG AA ✓ Pass

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

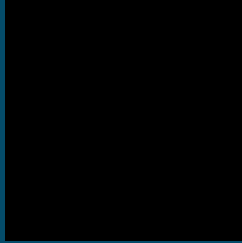
Any Text WCAG AA × Fail

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 044C6A Background



This preview shows how black text looks on a background with the Hex color 044C6A.



This preview shows how white text looks on a background with the Hex color 044C6A.

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
044C6A

Protanopia
3D4665

Deuteranopia
36476B



Tritanopia
004F55

Trichromacy



Original Color

044C6A

Protanomaly

284867

Deuteranomaly

24496B

Tritanomaly

014E5D

Monochromacy



Original Color

044C6A

Achromatopsia

3A3A3A

Achromatomaly

26414B

CSS Examples

Text

The CSS property to change the color of the text to Hex 044C6A 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 #044C6A looks like.

```
.text, #text, p{  
    color:#044C6A  
}
```

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 #044C6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #044C6A
}
```

Border

The CSS property to change the border of an element to Hex 044C6A 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
#044C6A }
```

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

```
.border{ border-color:#044C6A }
```

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

Here you see how a box with a 4 pixel #044C6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #044C6A; -webkit-box-shadow:4px 4px  
4px 4px #044C6A; box-shadow:4px 4px 4px  
4px #044C6A }
```

Background

The CSS property to change the background color of an element to Hex 044C6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#044C6A }
```

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

```
.background{ background-color:#044C6A }
```

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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