

Converting Colors

Hex(044C7F)

Have a look what the booklet for
Hex(044C7F) contains.

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Color

Hex(044C7F)

Conversions

Conversions Part 1

Format	Color
Hex	044C7F
RGB	4, 76, 127
RGB Percent	2%, 30%, 50%
CMY	0.9843, 0.7020, 0.5020
CMYK	0.97, 0.40, 0.00, 0.50
HSL	205°, 94%, 26%
HSV	205°, 97%, 50%
XYZ	6.4653, 6.7270, 21.0364
YIQ	60.2860, -59.2830, 0.5970

Conversions

Conversions Part 2

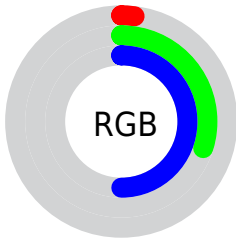
Format	Color
R _Y B	4, 49, 127
Decimal	281727
CIE Lab	31.18, 0.75, -34.28
CIE LCh	31, 34.289, 271.261
Yxy	6.7270, 0.1889, 0.1965
Android (android.graphics.Color)	4278471807 (0xFF044C7F)
YUV	60.2860, 32.8900, -49.3628
Hunter-Lab	25.9365, -0.8935, -29.9330

Details

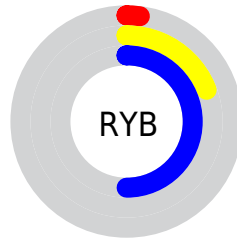
The Hex color **044C7F** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7F3704**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **4D7CB4**, and **00214D** is the 20% darker color. If you saturate the color by 10%, you get **004A7F**, and if you desaturate by 10%, it is **11517F**.

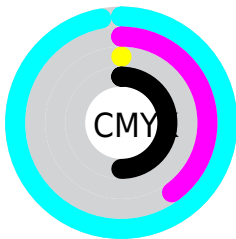
Distribution



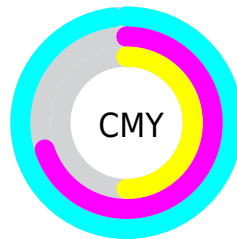
- Red (2%)
- Green (30%)
- Blue (50%)



- Red (2%)
- Yellow (19%)
- Blue (50%)



- Cyan (97%)
- Magenta (40%)
- Yellow (0%)
- Black (50%)



- Cyan (98%)
- Magenta (70%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 044C7F 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 044C7F by changing the saturation by 10% instead.

044C7F

044C7F

FFFFFF

003666

4D7CB4

00214D

6996D0

000836

85B1EC

000220

A2CCFF

000004

BEE8FF

000000

DBFFFF

F9FFFF

044C7F

044C7F

■ 004A7F

■ 11517F

■ 1D577F

■ 2A5C7F

■ 37617F

■ 44667F

■ 506C7F

■ 5D717F

■ 6A767F

■ 767B7F

Harmonies

Analogous

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



005378



044C7F



4B4277

Triad

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



044C7F



78342F



13542E

Complementary

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



044C7F



7F3704

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.



3C5018



044C7F



6C3E1A

Square

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



044C7F



793149



57480F



00564A

Rectangle

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



044C7F



623A6B



57480F



245326

Sweetspot

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



044C7F



7692A6



047F35



374854



D4D4D4



545454

Same Dimension

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



044C7F



0061A6



04107F



393D40



004B80



000000

Inverse Universe

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



7F044C



A60061



7F7304



40393D



80004B



000000

Previews

White Background



This preview shows how the Hex color 044C7F looks on a white background.

Color Contrast Check

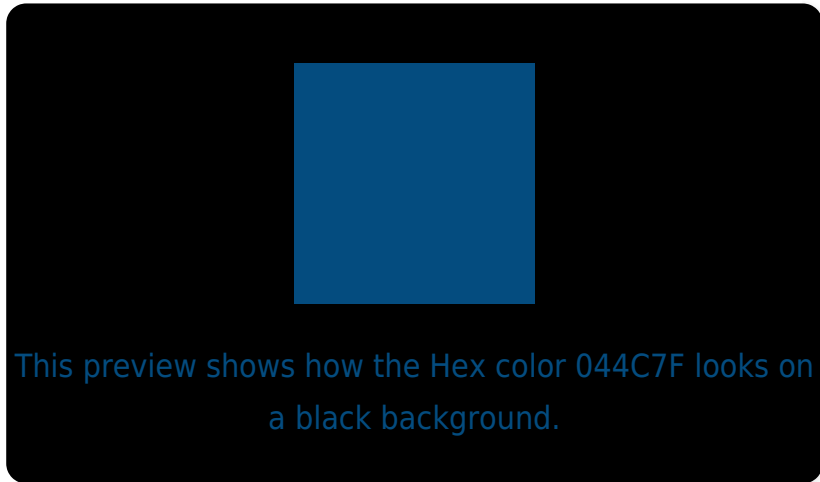
Large Text (above 18pt) WCAG AA ✓ Pass

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

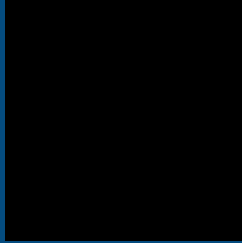
Any Text WCAG AA × Fail

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 044C7F Background



This preview shows how black text looks on a background with the Hex color 044C7F.



This preview shows how white text looks on a background with the Hex color 044C7F.

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



Trichromacy



Original Color
044C7F

Protanomaly
23497C

Deuteranomaly
154B7F

Tritanomaly
015066

Monochromacy



Original Color
044C7F

Achromatopsia
3C3C3C

Achromatomaly
284254

CSS Examples

Text

The CSS property to change the color of the text to Hex 044C7F 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 #044C7F looks like.

```
.text, #text, p{  
    color:#044C7F  
}
```

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 #044C7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #044C7F
}
```

Border

The CSS property to change the border of an element to Hex 044C7F 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
#044C7F }
```

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

```
.border{ border-color:#044C7F }
```

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

Here you see how a box with a 4 pixel #044C7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #044C7F; -webkit-box-shadow:4px 4px  
4px 4px #044C7F; box-shadow:4px 4px 4px  
4px #044C7F }
```

Background

The CSS property to change the background color of an element to Hex 044C7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#044C7F }
```

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

```
.background{ background-color:#044C7F }
```

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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