

Converting Colors

Hex(044B84)

Have a look what the booklet for
Hex(044B84) contains.

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Color

Hex(044B84)

Conversions

Conversions Part 1

Format	Color
Hex	044B84
RGB	4, 75, 132
RGB Percent	2%, 29%, 52%
CMY	0.9843, 0.7059, 0.4824
CMYK	0.97, 0.43, 0.00, 0.48
HSL	207°, 94%, 27%
HSV	207°, 97%, 52%
XYZ	6.7310, 6.7239, 22.7729
YIQ	60.2690, -60.6130, 2.6750

Conversions

Conversions Part 2

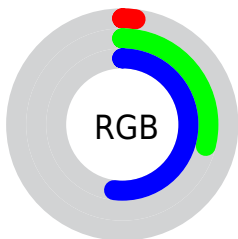
Format	Color
R_{YB}	4, 50, 132
Decimal	281476
CIE _{Lab}	31.17, 3.54, -37.39
CIE _{LCh}	31, 37.558, 275.416
Yxy	6.7239, 0.1858, 0.1856
Android (android.graphics.Color)	4278471556 (0xFF044B84)
YUV	60.2690, 35.3634, -49.3479
Hunter-Lab	25.9305, 0.9564, -33.9188

Details

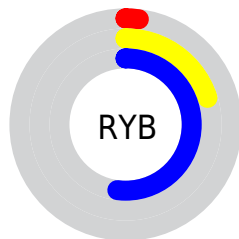
The Hex color **044B84** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **843D04**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **4F7BBA**, and **002052** is the 20% darker color. If you saturate the color by 10%, you get **004984**, and if you desaturate by 10%, it is **115184**.

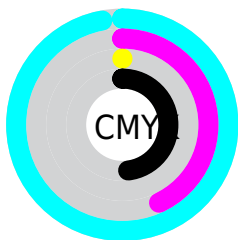
Distribution



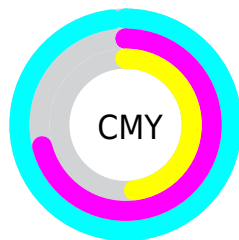
- Red (2%)
- Green (29%)
- Blue (52%)



- Red (2%)
- Yellow (20%)
- Blue (52%)



- Cyan (97%)
- Magenta (43%)
- Yellow (0%)
- Black (48%)



- Cyan (98%)
- Magenta (71%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 044B84 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 044B84 by changing the saturation by 10% instead.

044B84

044B84

FFFFFF

00356A

4F7BBA

002052

6B95D5

00073B

87AFF2

000224

A4CBFF

00000C

C0E7FF

000000

DDFFFF

FBFFFF

044B84

044B84

■ 004984

■ 115184

■ 1E5784

■ 2C5D84

■ 396384

■ 466884

■ 536E84

■ 607484

■ 6E7A84

■ 7B8084

Harmonies

Analogous

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



00537F



044B84



513F79

Triad

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



044B84



7B3329



005630

Complementary

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



044B84



843D04

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.



355115



044B84



6B3F12

Square

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



044B84



7E2D45



534A06



00574E

Rectangle

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



044B84



69376B



534A06



165426

Sweetspot

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



044B84



7995AB



04843B



384957



D6D6D6



575757

Same Dimension

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



044B84



005FAB



040D84



3C3F42



004882



000103

Inverse Universe

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



84044B



AB005F



847B04



423C3F



820048



030001

Previews

White Background



This preview shows how the Hex color 044B84 looks on a white background.

Color Contrast Check

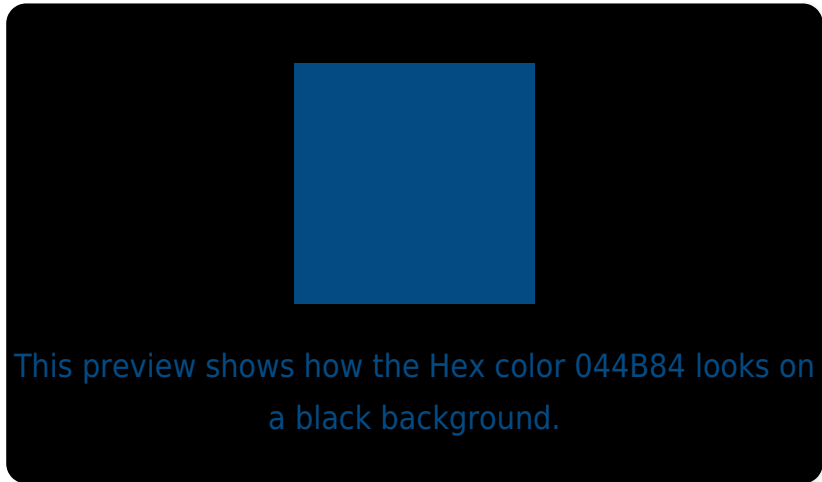
Large Text (above 18pt) WCAG AA ✓ Pass

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

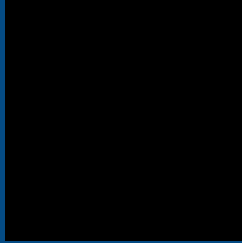
Any Text WCAG AA × Fail

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 044B84 Background



This preview shows how black text looks on a background with the Hex color 044B84.



This preview shows how white text looks on a background with the Hex color 044B84.

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
044B84

Protanomaly
204982

Deuteranomaly
0A4B84

Tritanomaly
014F67

Monochromacy



Original Color
044B84

Achromatopsia
3C3C3C

Achromatomaly
284156

CSS Examples

Text

The CSS property to change the color of the text to Hex 044B84 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 #044B84 looks like.

```
.text, #text, p{  
    color:#044B84  
}
```

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 #044B84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #044B84
}
```

Border

The CSS property to change the border of an element to Hex 044B84 is called "border". The border property can be set on classes, ids or directly on the HTML element.

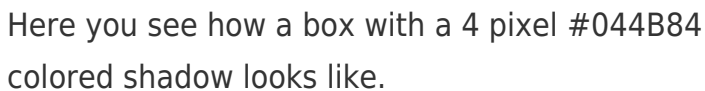
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#044B84 }
```

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

```
.border{ border-color:#044B84 }
```

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



Here you see how a box with a 4 pixel #044B84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #044B84; -webkit-box-shadow:4px 4px  
4px 4px #044B84; box-shadow:4px 4px 4px  
4px #044B84 }
```

Background

The CSS property to change the background color of an element to Hex 044B84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#044B84 }
```

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

```
.background{ background-color:#044B84 }
```

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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