

Converting Colors

Hex(034996)

Have a look what the booklet for
Hex(034996) contains.

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Color

Hex(034996)

Conversions

Conversions Part 1

Format	Color
Hex	034996
RGB	3, 73, 150
RGB Percent	1%, 29%, 59%
CMY	0.9882, 0.7137, 0.4118
CMYK	0.98, 0.51, 0.00, 0.41
HSL	211°, 96%, 30%
HSV	211°, 98%, 59%
XYZ	7.9251, 6.9865, 29.7850
YIQ	60.8480, -66.4370, 9.1070

Conversions

Conversions Part 2

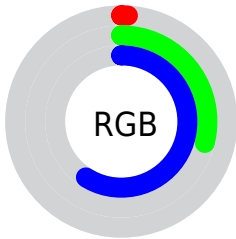
Format	Color
R_{YB}	3, 50, 150
Decimal	215446
CIE _{Lab}	31.78, 12.51, -47.46
CIE _{LCh}	32, 49.078, 284.762
Yxy	6.9865, 0.1773, 0.1563
Android (android.graphics.Color)	4278405526 (0xFF034996)
YUV	60.8480, 43.9519, -50.7327
Hunter-Lab	26.4319, 7.2641, -48.3090

Details

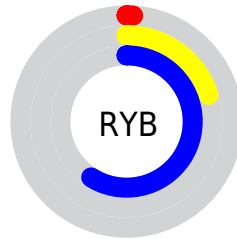
The Hex color **034996** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **965003**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **5479CD**, and **001F62** is the 20% darker color. If you saturate the color by 10%, you get **004796**, and if you desaturate by 10%, it is **125196**.

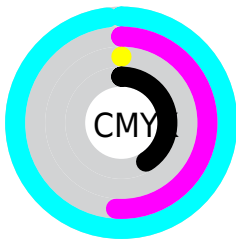
Distribution



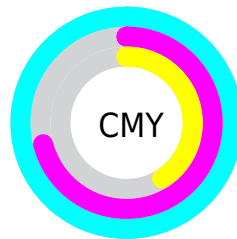
- Red (1%)
- Green (29%)
- Blue (59%)



- Red (1%)
- Yellow (20%)
- Blue (59%)



- Cyan (98%)
- Magenta (51%)
- Yellow (0%)
- Black (41%)



- Cyan (99%)
- Magenta (71%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 034996 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 034996 by changing the saturation by 10% instead.

■ 034996

■ 034996

FFFFFF

■ 00337C

■ 5479CD

■ 001F62

■ 7292E9

■ 00054A

■ 8EADFF

■ 000432

■ ABC8FF

■ 00021C

■ C9E4FF

■ 000000

■ E6FFFF

■ 034996

■ 034996

■ 004796

■ 125196

■ 215996

■ 306196

■ 3F6896

■ 4E7096

■ 5D7896

■ 6C8096

■ 7B8896

■ 8A9096

Harmonies

Analogous

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



005596



034996



633782

Triad

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



034996



842F15



005B35

Complementary

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



034996



965003

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.



18570B



034996



6B4200

Square

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



034996



8E1E3A



4A4F00



005C5D

Rectangle

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



034996



7D296C



4A4F00



005A28

Sweetspot

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



034996



8AA4C2



03964F



3F4F61



E0E0E0



616161

Same Dimension

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



034996



005CC2



050396



43464A



00428A



00050A

Inverse Universe

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



960349



C2005C



949603



4A4346



8A0042



0A0005

Previews

White Background



This preview shows how the Hex color 034996 looks on a white background.

Color Contrast Check

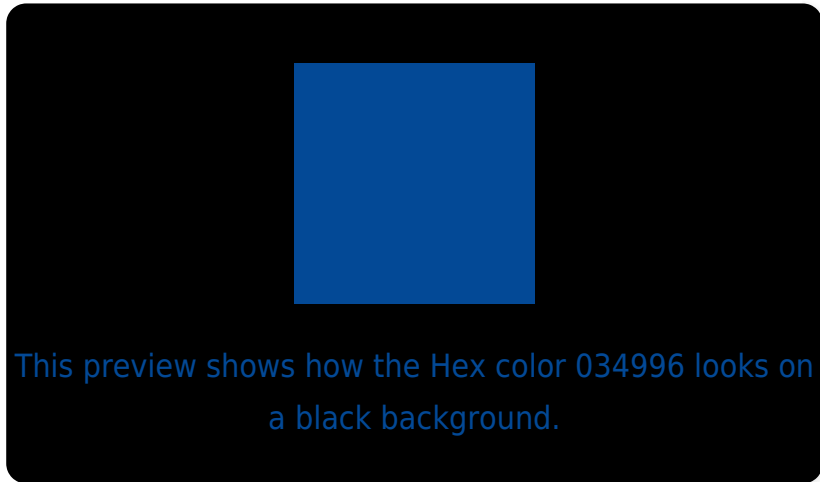
Large Text (above 18pt) WCAG AA ✓ Pass

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

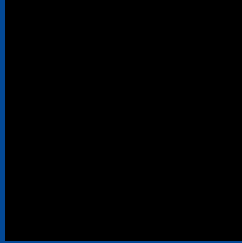
Any Text WCAG AA × Fail

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 034996 Background



This preview shows how black text looks on a background with the Hex color 034996.

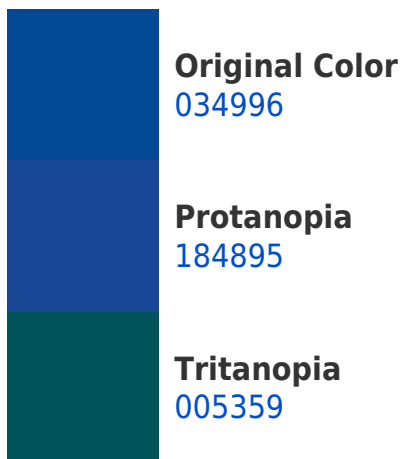


This preview shows how white text looks on a background with the Hex color 034996.

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
034996

Protanomaly
104895

Tritanomaly
014F6F

Monochromacy



Original Color
034996

Achromatopsia
3D3D3D

Achromatomaly
28415D

CSS Examples

Text

The CSS property to change the color of the text to Hex 034996 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 #034996 looks like.

```
.text, #text, p{  
    color:#034996  
}
```

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 #034996 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #034996
}
```

Border

The CSS property to change the border of an element to Hex 034996 is called "border". The border property can be set on classes, ids or directly on the HTML element.

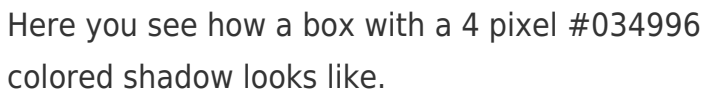
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#034996 }
```

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

```
.border{ border-color:#034996 }
```

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



Here you see how a box with a 4 pixel #034996 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #034996; -webkit-box-shadow:4px 4px  
4px 4px #034996; box-shadow:4px 4px 4px  
4px #034996 }
```

Background

The CSS property to change the background color of an element to Hex 034996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#034996 }
```

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

```
.background{ background-color:#034996 }
```

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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