

Converting Colors

Hex(304187)

Have a look what the booklet for
Hex(304187) contains.

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Color

Hex(304187)

Conversions

Conversions Part 1

Format	Color
Hex	304187
RGB	48, 65, 135
RGB Percent	19%, 25%, 53%
CMY	0.8118, 0.7451, 0.4706
CMYK	0.64, 0.52, 0.00, 0.47
HSL	228°, 48%, 36%
HSV	228°, 64%, 53%
XYZ	7.4824, 6.1582, 23.7160
YIQ	67.8970, -32.6020, 18.1660

Conversions

Conversions Part 2

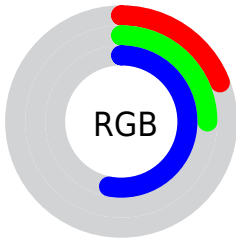
Format	Color
R_{YB}	48, 62, 135
Decimal	3162503
CIE _{Lab}	29.81, 16.84, -41.35
CIE _{LCh}	30, 44.653, 292.159
Yxy	6.1582, 0.2003, 0.1649
Android (android.graphics.Color)	4281352583 (0xFF304187)
YUV	67.8970, 33.0818, -17.4497
Hunter-Lab	24.8158, 10.3932, -39.2912




Details

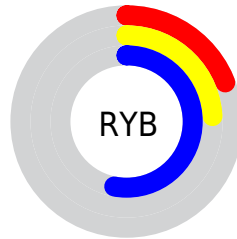
The Hex color **304187** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **877630**, and the grayscale version is **444444**.




A 20% lighter version of the original color is **6770BD**, and **001754** is the 20% darker color. If you saturate the color by 10%, you get **233687**, and if you desaturate by 10%, it is **3E4C87**.

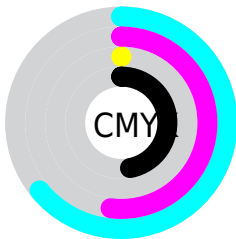
Distribution







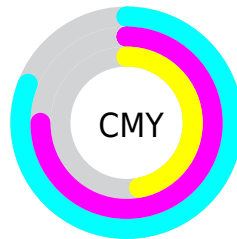
-  Red (19%)
-  Green (25%)
-  Blue (53%)






-  Red (19%)
-  Yellow (24%)
-  Blue (53%)



-  Cyan (64%)
-  Magenta (52%)
-  Yellow (0%)
-  Black (47%)



-  Cyan (81%)
-  Magenta (75%)
-  Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 304187 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 304187 by changing the saturation by 10% instead.

■ 304187

■ 304187

FFFFFF

■ 0D2B6D

■ 6770BD

■ 001754

■ 828AD9

■ 00003D

■ 9EA4F6

■ 000326

■ BABFFF

■ 00010F

■ D7DBFF

■ 000000

■ F4F7FF

■ 304187

■ 304187

■ 233687

■ 3E4C87

■ 152B87

■ 4B5787

■ 082087

■ 596287

■ 001A87

■ 666C87

■ 747787

■ 818287

■ 8F8D87

■ 9C9887

■ AAA387

Harmonies

Analogous

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



004D8B



304187



663071

Triad

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



304187



76320E



00553C

Complementary

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



304187



877630

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.



045218



304187



5D4100

Square

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



304187



82232E



3D4C00



00565F

Rectangle

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



304187



79255C



3D4C00



005430

Sweetspot

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



304187



8F95B0



308776



454959



D9D9D9



595959

Same Dimension

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



304187



2843B0



4A3087



3C3D42



001982



000003

Inverse Universe

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



873041



B02843



6D8730



423C3D



820019



030000

Previews

White Background



This preview shows how the Hex color 304187 looks on a white background.

Color Contrast Check

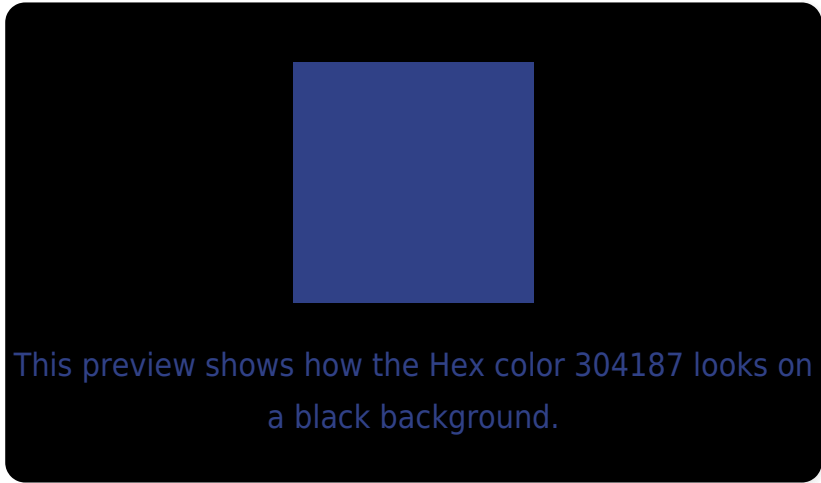
Large Text (above 18pt) WCAG AA ✓ Pass

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 304187 Background



This preview shows how black text looks on a background with the Hex color 304187.

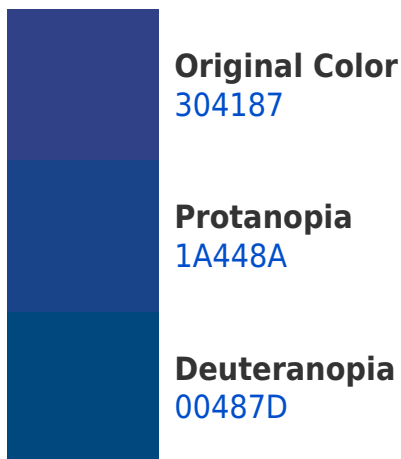



This preview shows how white text looks on a background with the Hex color 304187.

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](#).

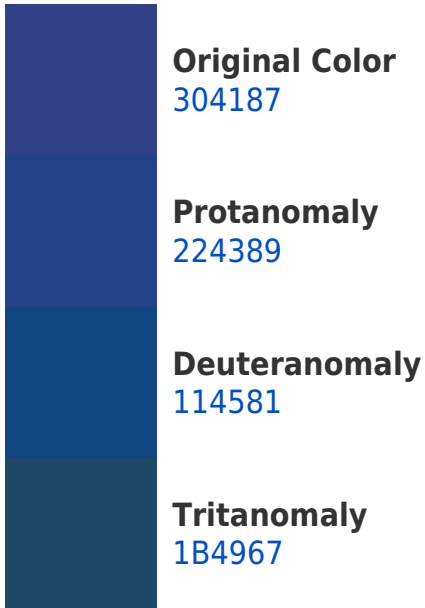
Dichromacy





Tritanopia
0F4E54

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 304187 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 #304187 looks like.

```
.text, #text, p{  
    color:#304187  
}
```

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 #304187 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #304187
}
```

Border

The CSS property to change the border of an element to Hex 304187 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
#304187 }
```

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

```
.border{ border-color:#304187 }
```

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

Here you see how a box with a 4 pixel #304187 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #304187; -webkit-box-shadow:4px 4px  
4px 4px #304187; box-shadow:4px 4px 4px  
4px #304187 }
```

Background

The CSS property to change the background color of an element to Hex 304187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#304187 }
```

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

```
.background{ background-color:#304187 }
```

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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