

Converting Colors

Hex(6317A4)

Have a look what the booklet for
Hex(6317A4) contains.

Hex(6317A4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6317A4)

Conversions

Conversions Part 1

Format	Color
Hex	6317A4
RGB	99, 23, 164
RGB Percent	39%, 9%, 64%
CMY	0.6118, 0.9098, 0.3569
CMYK	0.40, 0.86, 0.00, 0.36
HSL	272°, 75%, 37%
HSV	272°, 86%, 64%
XYZ	12.1528, 5.9458, 35.6291
YIQ	61.7980, 0.0350, 59.9630

Conversions

Conversions Part 2

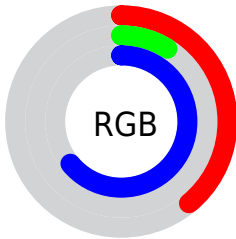
Format	Color
RYB	99, 23, 164
Decimal	6494116
CIELab	29.28, 56.74, -59.76
CIElCh	29, 82.406, 313.516
Yxy	5.9458, 0.2262, 0.1107
Android (android.graphics.Color)	4284684196 (0xFF6317A4)
YUV	61.7980, 50.3856, 32.6262
Hunter-Lab	24.3840, 46.2914, -69.5639

Details

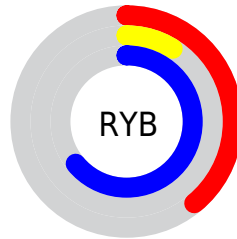
The Hex color **6317A4** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **58A417**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **9C4FDC**, and **28006F** is the 20% darker color. If you saturate the color by 10%, you get **5B07A4**, and if you desaturate by 10%, it is **6B27A4**.

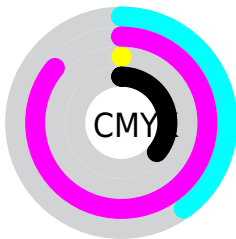
Distribution



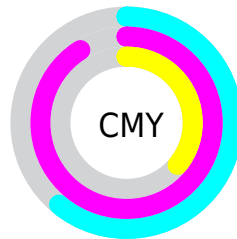
- Red (39%)
- Green (9%)
- Blue (64%)



- Red (39%)
- Yellow (9%)
- Blue (64%)



- Cyan (40%)
- Magenta (86%)
- Yellow (0%)
- Black (36%)



- Cyan (61%)
- Magenta (91%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6317A4 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 6317A4 by changing the saturation by 10% instead.

6317A4

6317A4

FFFFFF

460089

9C4FDC

28006F

B96AF9

070056

D684FF

00003D

F4A0FF

000326

FFBCFF

000110

FFD8FF

000000

FFF5FF

6317A4

6317A4

■ 5B07A4

■ 6B27A4

■ 5800A4

■ 7238A4

■ 7A48A4

■ 8159A4

■ 8969A4

■ 9079A4

■ 988AA4

■ 9F9AA4

■ A7ABA4

Harmonies

Analogous

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



0046C5



6317A4



9F006B

Triad

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



6317A4



713400



005B62

Complementary

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



6317A4



58A417

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.



00591D



6317A4



3A4C00

Square

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



6317A4



990000



005600



005C9E

Rectangle

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



6317A4



AB0041



005600



005B4B

Sweetspot

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



6317A4



BD9FD6



1759A4



5C4A6B



EBEBEB



6B6B6B

Same Dimension

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



6317A4



7300D6



A4179F



4E4952



4E0091



0A0012

Inverse Universe

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



A41758



D60063



17A41C



52494D



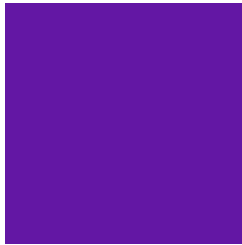
910043



120008

Previews

White Background



This preview shows how the Hex color 6317A4 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

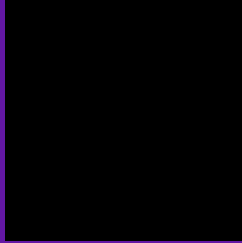
Any Text WCAG AA × Fail

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 6317A4 Background



This preview shows how black text looks on a background with the Hex color 6317A4.



This preview shows how white text looks on a background with the Hex color 6317A4.

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
6317A4

Protanopia
00448F

Deuteranopia
00487B



Tritanopia
504348

Trichromacy



Original Color
6317A4



Protanomaly
243497



Deuteranomaly
24368A



Tritanomaly
573369

Monochromacy



Original Color
6317A4



Achromatopsia
3E3E3E



Achromatomaly
4B3063

CSS Examples

Text

The CSS property to change the color of the text to Hex 6317A4 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 #6317A4 looks like.

```
.text, #text, p{  
    color:#6317A4  
}
```

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 #6317A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6317A4
}
```

Border

The CSS property to change the border of an element to Hex 6317A4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

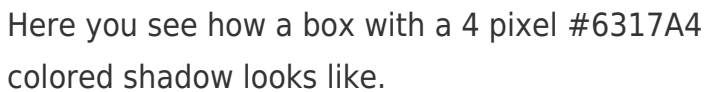
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6317A4 }
```

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

```
.border{ border-color:#6317A4 }
```

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



Here you see how a box with a 4 pixel #6317A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6317A4; -webkit-box-shadow:4px 4px  
4px 4px #6317A4; box-shadow:4px 4px 4px  
4px #6317A4 }
```

Background

The CSS property to change the background color of an element to Hex 6317A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6317A4 }
```

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

```
.background{ background-color:#6317A4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor