

Converting Colors

Hex(3227A6)

Have a look what the booklet for
Hex(3227A6) contains.

Hex(3227A6)	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(3227A6)

Conversions

Conversions Part 1

Format	Color
Hex	3227A6
RGB	50, 39, 166
RGB Percent	20%, 15%, 65%
CMY	0.8039, 0.8471, 0.3490
CMYK	0.70, 0.77, 0.00, 0.35
HSL	245°, 62%, 40%
HSV	245°, 77%, 65%
XYZ	8.9238, 4.8823, 36.5484
YIQ	56.7670, -34.2110, 41.8290

Conversions

Conversions Part 2

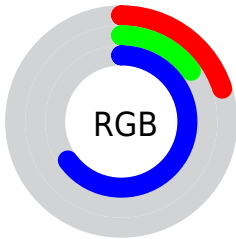
Format	Color
RYB	50, 39, 166
Decimal	3286950
CIELab	26.40, 44.51, -65.90
CIElCh	26, 79.519, 304.035
Yxy	4.8823, 0.1772, 0.0970
Android (android.graphics.Color)	4281477030 (0xFF3227A6)
YUV	56.7670, 53.8519, -5.9347
Hunter-Lab	22.0960, 33.4224, -82.6030

Details

The Hex color **3227A6** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **9BA627**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **7157DE**, and **000071** is the 20% darker color. If you saturate the color by 10%, you get **2316A6**, and if you desaturate by 10%, it is **4138A6**.

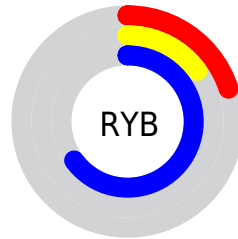
Distribution



Red (20%)

Green (15%)

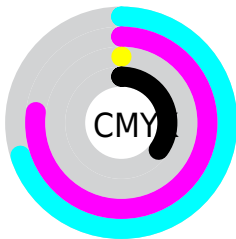
Blue (65%)



Red (20%)

Yellow (15%)

Blue (65%)

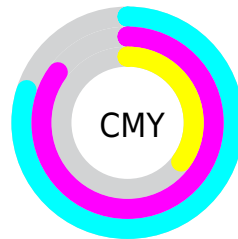


Cyan (70%)

Magenta (77%)

Yellow (0%)

Black (35%)



Cyan (80%)

Magenta (85%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3227A6 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 3227A6 by changing the saturation by 10% instead.

■ 3227A6

■ 3227A6

FFFFFF

■ 00108B

■ 7157DE

■ 000071

■ 8E70FB

■ 000057

■ AC8AFF

■ 00063F

■ C9A4FF

■ 000328

■ E7C0FF

■ 000112

■ FFDCFF

■ 000000

■ FFF9FF

■ 3227A6

■ 3227A6

■ 2316A6

■ 4138A6

■ 1406A6

■ 5048A6

■ 0E00A6

■ 5F59A6

■ 6F69A6

■ 7E7AA6

■ 8D8BA6

■ 9C9BA6

■ ABACA6

■ BABCA6

Harmonies

Analogous

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



0047BC



3227A6



880075

Triad

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



3227A6



752200



005346

Complementary

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



3227A6



9BA627

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.



005100



3227A6



464000

Square

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



3227A6



960000



004C00



005482

Rectangle

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



3227A6



9C004D



004C00



005230

Sweetspot

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



3227A6



ABA7D9



279BA6



524F6E



EDEDED



6E6E6E

Same Dimension

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



3227A6



2311D9



7127A6



4C4C54



0D0094



020014

Inverse Universe

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



A6279B



D911C7



5CA627



544C53



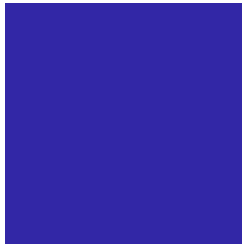
940087



140013

Previews

White Background



This preview shows how the Hex color 3227A6 looks on a white background.

Color Contrast Check

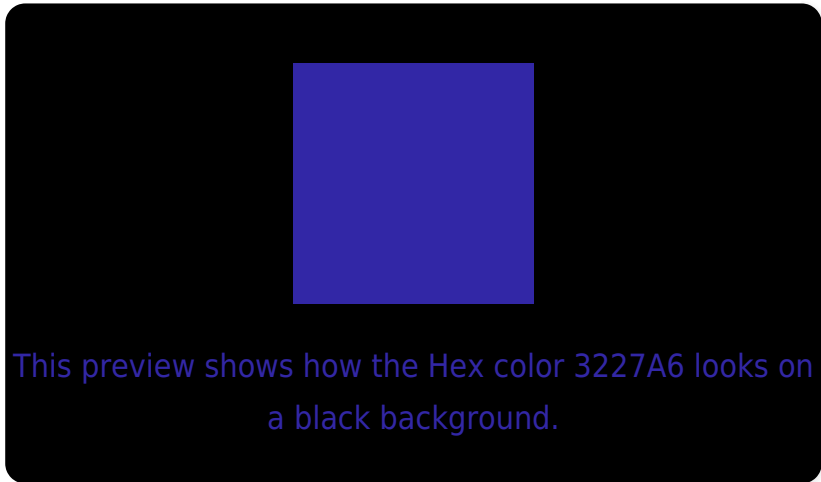
Large Text (above 18pt) WCAG AA ✓ Pass

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

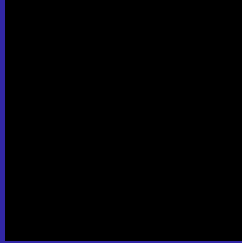
Any Text WCAG AA × Fail

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 3227A6 Background



This preview shows how black text looks on a background with the Hex color 3227A6.



This preview shows how white text looks on a background with the Hex color 3227A6.

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
3227A6

Protanopia
003C7F

Deuteranopia
00416C



Tritanopia
00464A

Trichromacy



Original Color
3227A6

Protanomaly
12348D

Deuteranomaly
123881

Tritanomaly
123B6B

Monochromacy



Original Color
3227A6

Achromatopsia
393939

Achromatomaly
363261

CSS Examples

Text

The CSS property to change the color of the text to Hex 3227A6 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 #3227A6 looks like.

```
.text, #text, p{  
    color:#3227A6  
}
```

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 #3227A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3227A6
}
```

Border

The CSS property to change the border of an element to Hex 3227A6 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
#3227A6 }
```

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

```
.border{ border-color:#3227A6 }
```

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

Here you see how a box with a 4 pixel #3227A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3227A6; -webkit-box-shadow:4px 4px  
4px 4px #3227A6; box-shadow:4px 4px 4px  
4px #3227A6 }
```

Background

The CSS property to change the background color of an element to Hex 3227A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3227A6 }
```

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

```
.background{ background-color:#3227A6 }
```

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