

Converting Colors

Hex(6321AA)

Have a look what the booklet for
Hex(6321AA) contains.

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Color

Hex(6321AA)

Conversions

Conversions Part 1

Format	Color
Hex	6321AA
RGB	99, 33, 170
RGB Percent	39%, 13%, 67%
CMY	0.6118, 0.8706, 0.3333
CMYK	0.42, 0.81, 0.00, 0.33
HSL	269°, 67%, 40%
HSV	269°, 81%, 67%
XYZ	12.9451, 6.6426, 38.6301
YIQ	68.3520, -4.6410, 56.5990

Conversions

Conversions Part 2

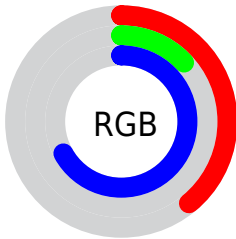
Format	Color
R_{YB}	99, 33, 170
Decimal	6496682
CIE _{Lab}	30.98, 54.76, -60.59
CIE _{LCh}	31, 81.664, 312.106
Yxy	6.6426, 0.2224, 0.1141
Android (android.graphics.Color)	4284686762 (0xFF6321AA)
YUV	68.3520, 50.1125, 26.8783
Hunter-Lab	25.7733, 44.5517, -70.8249

Details

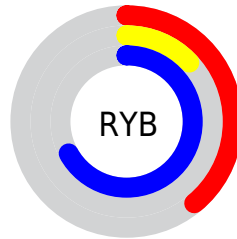
The Hex color **6321AA** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **68AA21**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **9C56E2**, and **270075** is the 20% darker color. If you saturate the color by 10%, you get **5A10AA**, and if you desaturate by 10%, it is **6C32AA**.

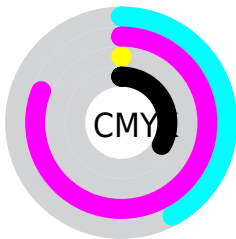
Distribution



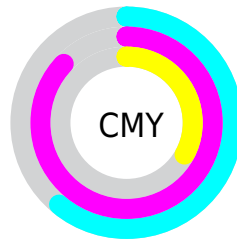
- Red (39%)
- Green (13%)
- Blue (67%)



- Red (39%)
- Yellow (13%)
- Blue (67%)



- Cyan (42%)
- Magenta (81%)
- Yellow (0%)
- Black (33%)



- Cyan (61%)
- Magenta (87%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6321AA 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 6321AA by changing the saturation by 10% instead.

6321AA

6321AA

FFFFFF

46008F

9C56E2

270075

B970FF

02005B

D68BFF

000043

F4A7FF

00032B

FFC3FF

000116

FFDFFF

000000

FFFCFF

6321AA

6321AA

■ 5A10AA

■ 6C32AA

■ 5200AA

■ 7543AA

■ 7D54AA

■ 8665AA

■ 8F76AA

■ 9887AA

■ A198AA

■ A9A9AA

■ B2BAAA

Harmonies

Analogous

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



004BCA



6321AA



A20072

Triad

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



6321AA



783700



006062

Complementary

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



6321AA



68AA21

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.



005E1D



6321AA



424F00

Square

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



6321AA



9F0000



005900



00609F

Rectangle

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



6321AA



AF0048



005900



005F4C

Sweetspot

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



6321AA



C2A9DE



216AAA



5F5070



F0F0F0



707070

Same Dimension

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



6321AA



6E07DE



A521AA



504C54



470094



0A0014

Inverse Universe

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



AA2168



DE0776



26AA21



544C50



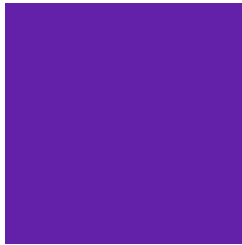
94004D



14000B

Previews

White Background



This preview shows how the Hex color 6321AA 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

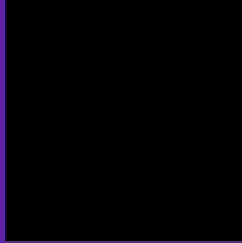
Any Text WCAG AA × Fail

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 6321AA Background



This preview shows how black text looks on a background with the Hex color 6321AA.




This preview shows how white text looks on a background with the Hex color 6321AA.

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](#).

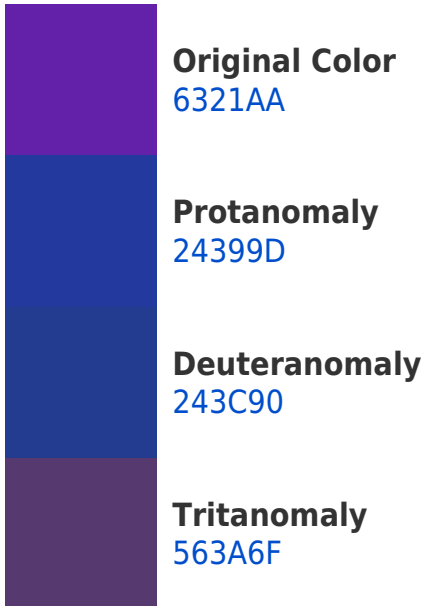
Dichromacy



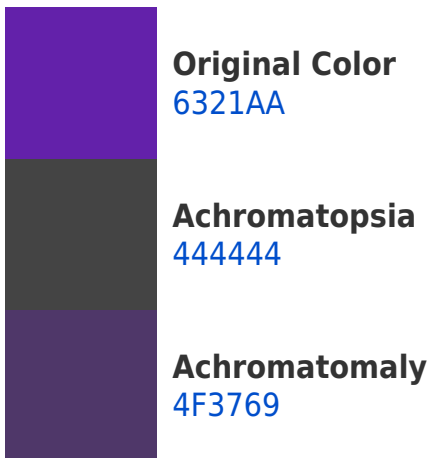


Tritanopia
4E484D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6321AA 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 #6321AA looks like.

```
.text, #text, p{  
    color:#6321AA  
}
```

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 #6321AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6321AA
}
```

Border

The CSS property to change the border of an element to Hex 6321AA is called "border". The border property can be set on classes, ids or directly on the HTML element.

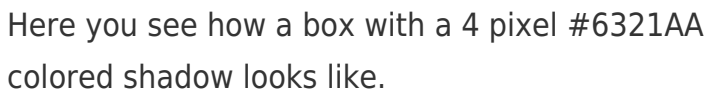
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6321AA }
```

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

```
.border{ border-color:#6321AA }
```

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



Here you see how a box with a 4 pixel #6321AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6321AA; -webkit-box-shadow:4px 4px  
4px 4px #6321AA; box-shadow:4px 4px 4px  
4px #6321AA }
```

Background

The CSS property to change the background color of an element to Hex 6321AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6321AA }
```

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

```
.background{ background-color:#6321AA }
```

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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