

Converting Colors

Hex(6032A1)

Have a look what the booklet for
Hex(6032A1) contains.

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Color

Hex(6032A1)

Conversions

Conversions Part 1

Format	Color
Hex	6032A1
RGB	96, 50, 161
RGB Percent	38%, 20%, 63%
CMY	0.6235, 0.8039, 0.3686
CMYK	0.40, 0.69, 0.00, 0.37
HSL	265°, 53%, 41%
HSV	265°, 69%, 63%
XYZ	12.3975, 7.3412, 34.4818
YIQ	76.4080, -8.2150, 44.2730

Conversions

Conversions Part 2

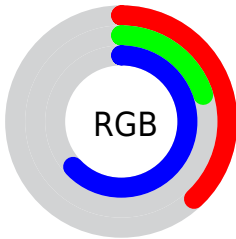
Format	Color
R_{YB}	96, 50, 161
Decimal	6304417
CIE _{Lab}	32.57, 44.21, -52.58
CIE _{LCh}	33, 68.699, 310.059
Yxy	7.3412, 0.2286, 0.1354
Android (android.graphics.Color)	4284494497 (0xFF6032A1)
YUV	76.4080, 41.7039, 17.1822
Hunter-Lab	27.0947, 34.2592, -56.4886

Details

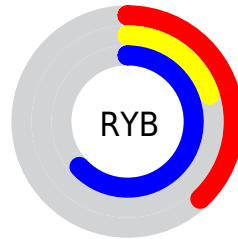
The Hex color **6032A1** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **73A132**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **9764D9**, and **28006C** is the 20% darker color. If you saturate the color by 10%, you get **5722A1**, and if you desaturate by 10%, it is **6942A1**.

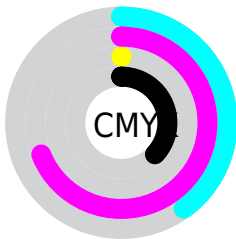
Distribution



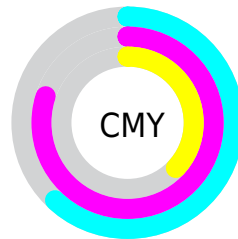
- Red (38%)
- Green (20%)
- Blue (63%)



- Red (38%)
- Yellow (20%)
- Blue (63%)



- Cyan (40%)
- Magenta (69%)
- Yellow (0%)
- Black (37%)



- Cyan (62%)
- Magenta (80%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6032A1 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 6032A1 by changing the saturation by 10% instead.

6032A1

6032A1

FFFFFF

441986

9764D9

28006C

B47EF5

060053

D098FF

00003B

EEB3FF

000225

FFCFFF

00010D

FFECFF

000000

6032A1

6032A1

5722A1

6942A1

■ 4D12A1

■ 7352A1

■ 4402A1

■ 7C62A1

■ 4300A1

■ 8672A1

■ 8F83A1

■ 9993A1

■ A2A3A1

■ ABB3A1

■ B5C3A1

Harmonies

Analogous

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



004FBA



6032A1



970073

Triad

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



6032A1



7B3C00



00625E

Complementary

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



6032A1



73A132

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.



006024



6032A1



4E5000

Square

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



6032A1



9B1105



005B00



006292

Rectangle

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



6032A1



A5004F



005B00



00614B

Sweetspot

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



6032A1



B7A5D1



3275A1



594E69



E8E8E8



696969

Same Dimension

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



6032A1



6B24D1



9632A1



4D4952



3C0091



070012

Inverse Universe

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



A13273



D12489



3DA132



52494E



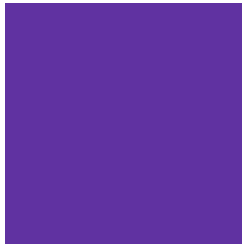
910055



12000A

Previews

White Background



This preview shows how the Hex color 6032A1 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

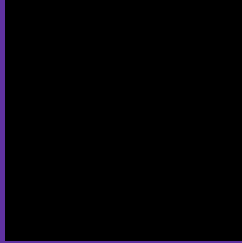
Any Text WCAG AA × Fail

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 6032A1 Background



This preview shows how black text looks on a background with the Hex color 6032A1.

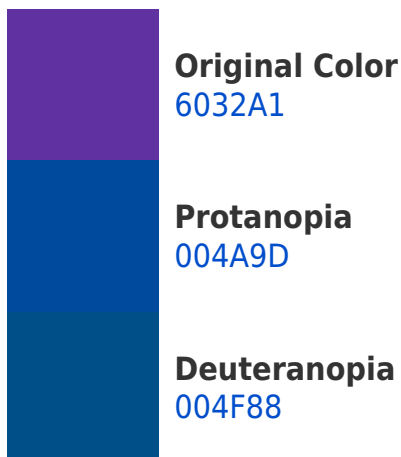


This preview shows how white text looks on a background with the Hex color 6032A1.

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
4E4C52

Trichromacy



Original Color
6032A1



Protanomaly
23419E



Deuteranomaly
234491



Tritanomaly
55436F

Monochromacy



Original Color
6032A1



Achromatopsia
4C4C4C



Achromatomaly
53436B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6032A1 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 #6032A1 looks like.

```
.text, #text, p{  
    color:#6032A1  
}
```

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 #6032A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6032A1
}
```

Border

The CSS property to change the border of an element to Hex 6032A1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

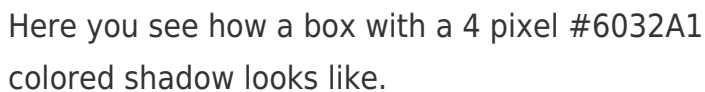
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6032A1 }
```

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

```
.border{ border-color:#6032A1 }
```

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



Here you see how a box with a 4 pixel #6032A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6032A1; -webkit-box-shadow:4px 4px  
4px 4px #6032A1; box-shadow:4px 4px 4px  
4px #6032A1 }
```

Background

The CSS property to change the background color of an element to Hex 6032A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6032A1 }
```

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

```
.background{ background-color:#6032A1 }
```

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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