

Converting Colors

Hex(6232B5)

Have a look what the booklet for
Hex(6232B5) contains.

Hex(6232B5)	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(6232B5)

Conversions

Conversions Part 1

Format	Color
Hex	6232B5
RGB	98, 50, 181
RGB Percent	38%, 20%, 71%
CMY	0.6157, 0.8039, 0.2902
CMYK	0.46, 0.72, 0.00, 0.29
HSL	262°, 57%, 45%
HSV	262°, 72%, 71%
XYZ	14.5181, 8.2141, 44.5363
YIQ	79.2860, -13.4430, 50.9170

Conversions

Conversions Part 2

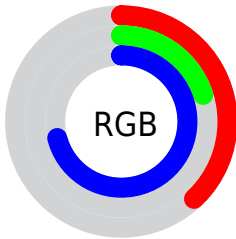
Format	Color
R_{YB}	98, 50, 181
Decimal	6435509
CIE _{Lab}	34.42, 49.93, -61.52
CIE _{LCh}	34, 79.233, 309.061
Yxy	8.2141, 0.2158, 0.1221
Android (android.graphics.Color)	4284625589 (0xFF6232B5)
YUV	79.2860, 50.1450, 16.4122
Hunter-Lab	28.6602, 40.2655, -72.0712

Details

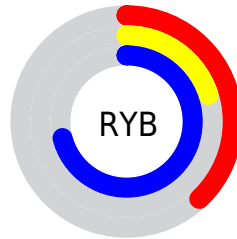
The Hex color **6232B5** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **85B532**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **9B65EE**, and **24007F** is the 20% darker color. If you saturate the color by 10%, you get **5720B5**, and if you desaturate by 10%, it is **6D44B5**.

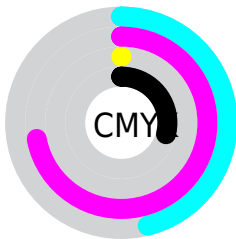
Distribution



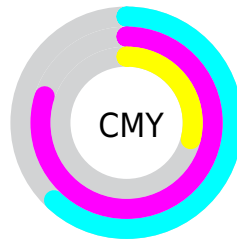
- Red (38%)
- Green (20%)
- Blue (71%)



- Red (38%)
- Yellow (20%)
- Blue (71%)



- Cyan (46%)
- Magenta (72%)
- Yellow (0%)
- Black (29%)



- Cyan (62%)
- Magenta (80%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6232B5 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 6232B5 by changing the saturation by 10% instead.

 6232B5

 6232B5

FFFFFF

 45189A

 9B65EE

 24007F

 B87FFF

 000065

 D599FF

 00004C

 F3B5FF

 000434

 FFD1FF

 00021E

 FFEEFF

 000000

 6232B5

 6232B5

 5720B5

 6D44B5

4B0EB5

7956B5

4200B5

8468B5

907AB5

9B8DB5

A79FB5

B2B1B5

BEC3B5

C9D5B5

Harmonies

Analogous

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



0055D1



6232B5



A6007F

Triad

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



6232B5



863C00



006863

Complementary

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



6232B5



85B532

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.



00661F



6232B5



535500

Square

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



6232B5



AB0000



006100



0069A0

Rectangle

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



6232B5



B60056



006100



00684D

Sweetspot

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



6232B5



CAB7EB



3287B5



625775



F5F5F5



757575

Same Dimension

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



6232B5



691EEB



A132B5



545059



380099



09001A

Inverse Universe

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



B53285



EB1EA0



46B532



595056



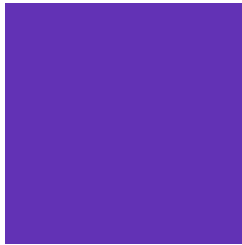
990061



1A0010

Previews

White Background



This preview shows how the Hex color 6232B5 looks on a white background.

Color Contrast Check

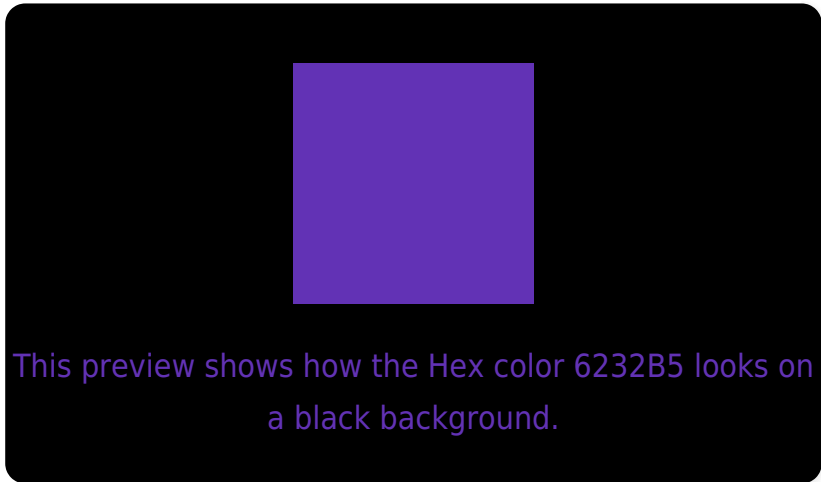
Large Text (above 18pt) WCAG AA ✓ Pass

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

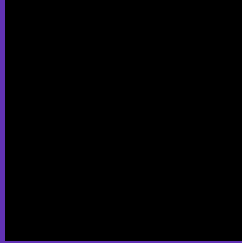
Any Text WCAG AA × Fail

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 6232B5 Background



This preview shows how black text looks on a background with the Hex color 6232B5.

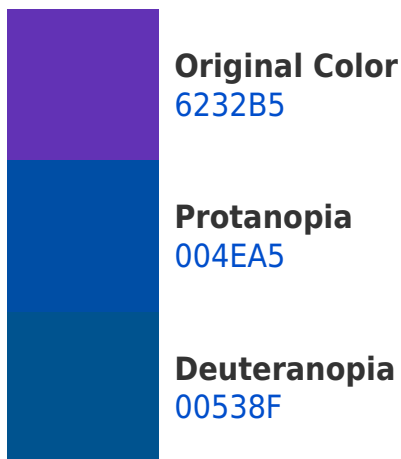


This preview shows how white text looks on a background with the Hex color 6232B5.

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
4A5259

Trichromacy



Original Color
6232B5



Protanomaly
2444AB



Deuteranomaly
24479D



Tritanomaly
53467A

Monochromacy



Original Color
6232B5



Achromatopsia
4F4F4F



Achromatomaly
564474

CSS Examples

Text

The CSS property to change the color of the text to Hex 6232B5 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 #6232B5 looks like.

```
.text, #text, p{  
    color:#6232B5  
}
```

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 #6232B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6232B5
}
```

Border

The CSS property to change the border of an element to Hex 6232B5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

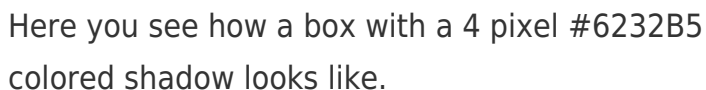
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6232B5 }
```

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

```
.border{ border-color:#6232B5 }
```

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



Here you see how a box with a 4 pixel #6232B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6232B5; -webkit-box-shadow:4px 4px  
4px 4px #6232B5; box-shadow:4px 4px 4px  
4px #6232B5 }
```

Background

The CSS property to change the background color of an element to Hex 6232B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6232B5 }
```

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

```
.background{ background-color:#6232B5 }
```

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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