

Converting Colors

Hex(6237A5)

Have a look what the booklet for
Hex(6237A5) contains.

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Color

Hex(6237A5)

Conversions

Conversions Part 1

Format	Color
Hex	6237A5
RGB	98, 55, 165
RGB Percent	38%, 22%, 65%
CMY	0.6157, 0.7843, 0.3529
CMYK	0.41, 0.67, 0.00, 0.35
HSL	263°, 50%, 43%
HSV	263°, 67%, 65%
XYZ	13.1947, 8.0457, 36.4548
YIQ	80.3970, -9.6820, 43.3260

Conversions

Conversions Part 2

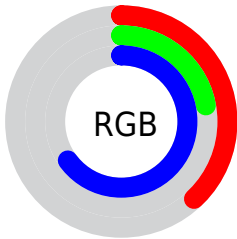
Format	Color
R_{YB}	98, 55, 165
Decimal	6436773
CIE _{Lab}	34.08, 43.04, -52.54
CIE _{LCh}	34, 67.916, 309.328
Yxy	8.0457, 0.2287, 0.1395
Android (android.graphics.Color)	4284626853 (0xFF6237A5)
YUV	80.3970, 41.7093, 15.4378
Hunter-Lab	28.3649, 33.3958, -56.3447

Details

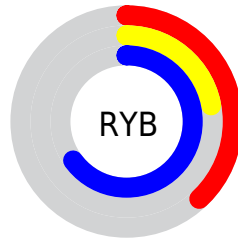
The Hex color **6237A5** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7AA537**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **9969DD**, and **2A0470** is the 20% darker color. If you saturate the color by 10%, you get **5827A5**, and if you desaturate by 10%, it is **6C48A5**.

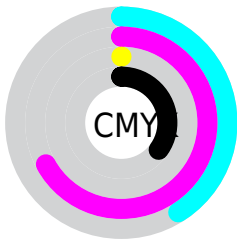
Distribution



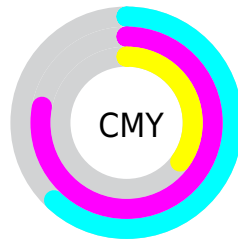
- Red (38%)
- Green (22%)
- Blue (65%)



- Red (38%)
- Yellow (22%)
- Blue (65%)



- Cyan (41%)
- Magenta (67%)
- Yellow (0%)
- Black (35%)



- Cyan (62%)
- Magenta (78%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6237A5 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 6237A5 by changing the saturation by 10% instead.

6237A5

6237A5

FFFFFF

461F8A

9969DD

2A0470

B683FA

060057

D39DFF

00003F

F0B9FF

000328

FFD5FF

000111

FFF1FF

000000

6237A5

6237A5

5827A5

6C48A5

■ 4E16A5

■ 7658A5

■ 4406A5

■ 8069A5

■ 4000A5

■ 8A79A5

■ 948AA5

■ 9E9AA5

■ A8ABA5

■ B2BBA5

■ BCCBA5

Harmonies

Analogous

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



0052BD



6237A5



9A0077

Triad

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



6237A5



803F00



006660

Complementary

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



6237A5



7AA537

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.



006427



6237A5



545400

Square

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



6237A5



9F180B



045E00



006594

Rectangle

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



6237A5



A90054



045E00



00654D

Sweetspot

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



6237A5



BCABD6



377BA5



5B516B



EBEBEB



6B6B6B

Same Dimension

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



6237A5



6E2BD6



9837A5



4D4952



390091



070012

Inverse Universe

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



A5377A



D62B93



44A537



52494E



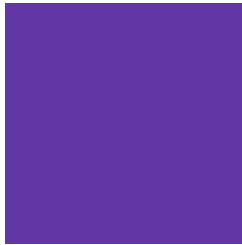
910059



12000B

Previews

White Background



This preview shows how the Hex color 6237A5 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

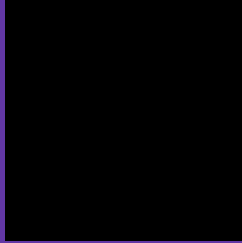
Any Text WCAG AA × Fail

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 6237A5 Background



This preview shows how black text looks on a background with the Hex color 6237A5.

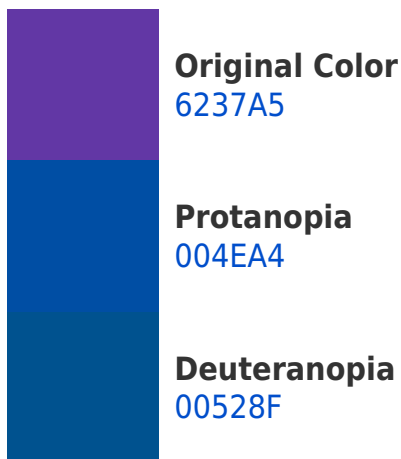



This preview shows how white text looks on a background with the Hex color 6237A5.

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
505056

Trichromacy



Original Color
6237A5



Protanomaly
2446A4



Deuteranomaly
244897



Tritanomaly
574773

Monochromacy



Original Color
6237A5



Achromatopsia
505050



Achromatomaly
57476F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6237A5 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 #6237A5 looks like.

```
.text, #text, p{  
    color:#6237A5  
}
```

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 #6237A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6237A5
}
```

Border

The CSS property to change the border of an element to Hex 6237A5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

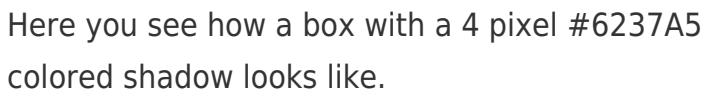
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6237A5 }
```

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

```
.border{ border-color:#6237A5 }
```

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



Here you see how a box with a 4 pixel #6237A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6237A5; -webkit-box-shadow:4px 4px  
4px 4px #6237A5; box-shadow:4px 4px 4px  
4px #6237A5 }
```

Background

The CSS property to change the background color of an element to Hex 6237A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6237A5 }
```

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

```
.background{ background-color:#6237A5 }
```

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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