

Converting Colors

Hex(6B32A5)

Have a look what the booklet for
Hex(6B32A5) contains.

Hex(6B32A5)	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(6B32A5)

Conversions

Conversions Part 1

Format	Color
Hex	6B32A5
RGB	107, 50, 165
RGB Percent	42%, 20%, 65%
CMY	0.5804, 0.8039, 0.3529
CMYK	0.35, 0.70, 0.00, 0.35
HSL	270°, 53%, 42%
HSV	270°, 70%, 65%
XYZ	13.9955, 8.1236, 36.4277
YIQ	80.1530, -2.9430, 47.8490

Conversions

Conversions Part 2

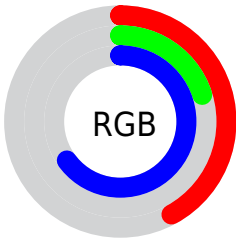
Format	Color
RYB	107, 50, 165
Decimal	7025317
CIELab	34.24, 47.48, -52.22
CIElCh	34, 70.582, 312.278
Yxy	8.1236, 0.2390, 0.1388
Android (android.graphics.Color)	4285215397 (0xFF6B32A5)
YUV	80.1530, 41.8296, 23.5448
Hunter-Lab	28.5020, 37.7718, -55.8258

Details

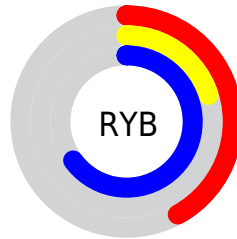
The Hex color **6B32A5** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6CA532**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **A365DD**, and **340070** is the 20% darker color. If you saturate the color by 10%, you get **6321A5**, and if you desaturate by 10%, it is **7342A5**.

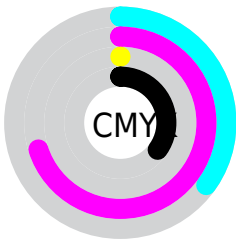
Distribution



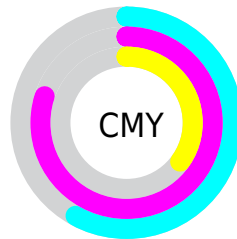
- Red (42%)
- Green (20%)
- Blue (65%)



- Red (42%)
- Yellow (20%)
- Blue (65%)



- Cyan (35%)
- Magenta (70%)
- Yellow (0%)
- Black (35%)



- Cyan (58%)
- Magenta (80%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B32A5 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 6B32A5 by changing the saturation by 10% instead.



6B32A5



6B32A5

FFFFFF



50188A



A365DD



340070



BF7FFA



160057



DC9AFF



00003F



FAB5FF



000328



FFD1FF



000111



FFEEFF



000000



6B32A5



6B32A5



6321A5



7342A5

5A11A5

7C53A5

5200A5

8463A5

8C74A5

9584A5

9D95A5

A5A5A5

AEB6A5

B6C6A5

Harmonies

Analogous

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



0051C1



6B32A5



A00074

Triad

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



6B32A5



7E4100



006767

Complementary

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



6B32A5



6CA532

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.



00652B



6B32A5



4E5600

Square

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



6B32A5



A01901



006000



00669C

Rectangle

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



6B32A5



AD004F



006000



006654

Sweetspot

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



6B32A5



C0A9D6



326DA5



5E506B



EBEBEB



6B6B6B

Same Dimension

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



6B32A5



7B22D6



A332A5



4D4952



480091



090012

Inverse Universe

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



A5326C



D6227D



34A532



52494E



910049



120009

Previews

White Background



This preview shows how the Hex color 6B32A5 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

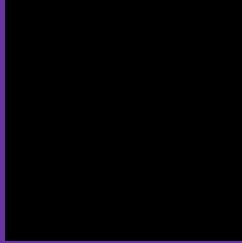
Any Text WCAG AA × Fail

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 6B32A5 Background



This preview shows how black text looks on a background with the Hex color 6B32A5.



This preview shows how white text looks on a background with the Hex color 6B32A5.

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
6B32A5

Protanopia
004EA5

Deuteranopia
005390



Tritanopia
5B4D53

Trichromacy



Original Color
6B32A5



Protanomaly
2744A5



Deuteranomaly
274798



Tritanomaly
614371

Monochromacy



Original Color
6B32A5



Achromatopsia
505050



Achromatomaly
5A456F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B32A5 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 #6B32A5 looks like.

```
.text, #text, p{  
    color:#6B32A5  
}
```

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 #6B32A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B32A5
}
```

Border

The CSS property to change the border of an element to Hex 6B32A5 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
#6B32A5 }
```

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

```
.border{ border-color:#6B32A5 }
```

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

Here you see how a box with a 4 pixel #6B32A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B32A5; -webkit-box-shadow:4px 4px  
4px 4px #6B32A5; box-shadow:4px 4px 4px  
4px #6B32A5 }
```

Background

The CSS property to change the background color of an element to Hex 6B32A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B32A5 }
```

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

```
.background{ background-color:#6B32A5 }
```

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