

Converting Colors

Hex(6628AD)

Have a look what the booklet for
Hex(6628AD) contains.

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Color

Hex(6628AD)

Conversions

Conversions Part 1

Format	Color
Hex	6628AD
RGB	102, 40, 173
RGB Percent	40%, 16%, 68%
CMY	0.6000, 0.8431, 0.3216
CMYK	0.41, 0.77, 0.00, 0.32
HSL	268°, 62%, 42%
HSV	268°, 77%, 68%
XYZ	13.7811, 7.3595, 40.2293
YIQ	73.7000, -5.7410, 54.5070

Conversions

Conversions Part 2

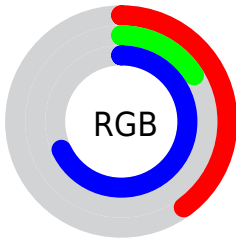
Format	Color
R_{YB}	102, 40, 173
Decimal	6695085
CIE _{Lab}	32.61, 53.14, -59.70
CIE _{LCh}	33, 79.926, 311.674
Yxy	7.3595, 0.2246, 0.1199
Android (android.graphics.Color)	4284885165 (0xFF6628AD)
YUV	73.7000, 48.9549, 24.8191
Hunter-Lab	27.1284, 43.2026, -68.9327

Details

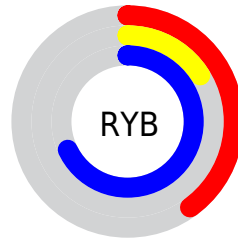
The Hex color **6628AD** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **6FAD28**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **9F5CE5**, and **2B0077** is the 20% darker color. If you saturate the color by 10%, you get **5D17AD**, and if you desaturate by 10%, it is **6F39AD**.

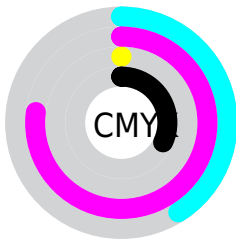
Distribution



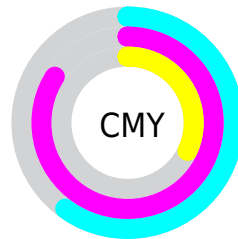
- Red (40%)
- Green (16%)
- Blue (68%)



- Red (40%)
- Yellow (16%)
- Blue (68%)



- Cyan (41%)
- Magenta (77%)
- Yellow (0%)
- Black (32%)



- Cyan (60%)
- Magenta (84%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6628AD 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 6628AD by changing the saturation by 10% instead.

6628AD

6628AD

FFFFFF

490892

9F5CE5

2B0077

BC76FF

05005E

D991FF

000045

F7ADFF

00042E

FFC9FF

000118

FFE5FF

000000

6628AD

6628AD

5D17AD

6F39AD

■ 5405AD

■ 784BAD

■ 5100AD

■ 825CAD

■ 8B6DAD

■ 947FAD

■ 9D90AD

■ A7A1AD

■ B0B2AD

■ B9C4AD

Harmonies

Analogous

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



004FCC



6628AD



A40076

Triad

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



6628AD



7D3A00



006465

Complementary

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



6628AD



6FAD28

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.



006221



6628AD



485200

Square

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



6628AD



A30000



005D00



0064A1

Rectangle

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



6628AD



B2004C



005D00



00634F

Sweetspot

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



6628AD



C5ADE0



2871AD



5F5170



F0F0F0



707070

Same Dimension

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



6628AD



7212E0



A628AD



524E57



460096



0B0017

Inverse Universe

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



AD286F



E01280



2FAD28



574E53



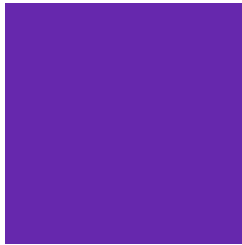
960050



17000C

Previews

White Background



This preview shows how the Hex color 6628AD 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

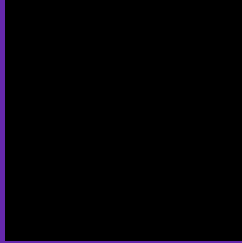
Any Text WCAG AA × Fail

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 6628AD Background



This preview shows how black text looks on a background with the Hex color 6628AD.

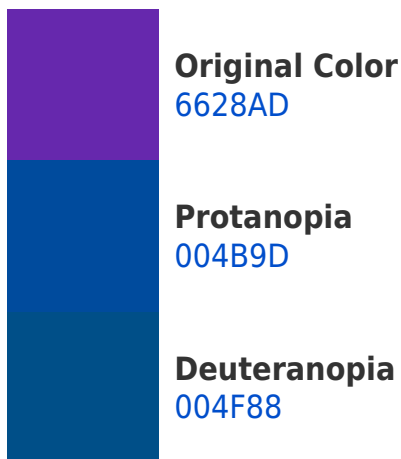


This preview shows how white text looks on a background with the Hex color 6628AD.

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
524B51

Trichromacy



Original Color
6628AD



Protanomaly
253EA3



Deuteranomaly
254195



Tritanomaly
593E72

Monochromacy



Original Color
6628AD



Achromatopsia
4A4A4A



Achromatomaly
543E6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 6628AD 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 #6628AD looks like.

```
.text, #text, p{  
    color:#6628AD  
}
```

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 #6628AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6628AD
}
```

Border

The CSS property to change the border of an element to Hex 6628AD is called "border". The border property can be set on classes, ids or directly on the HTML element.

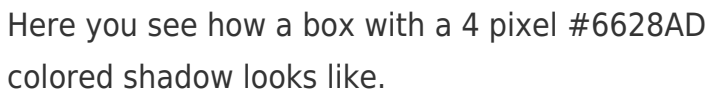
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6628AD }
```

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

```
.border{ border-color:#6628AD }
```

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



Here you see how a box with a 4 pixel #6628AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6628AD; -webkit-box-shadow:4px 4px  
4px 4px #6628AD; box-shadow:4px 4px 4px  
4px #6628AD }
```

Background

The CSS property to change the background color of an element to Hex 6628AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6628AD }
```

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

```
.background{ background-color:#6628AD }
```

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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