

Converting Colors

Hex(6512AA)

Have a look what the booklet for
Hex(6512AA) contains.

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Color

Hex(6512AA)

Conversions

Conversions Part 1

Format	Color
Hex	6512AA
RGB	101, 18, 170
RGB Percent	40%, 7%, 67%
CMY	0.6039, 0.9294, 0.3333
CMYK	0.41, 0.89, 0.00, 0.33
HSL	273°, 81%, 37%
HSV	273°, 89%, 67%
XYZ	12.8388, 6.1016, 38.5313
YIQ	60.1450, 0.6760, 64.8680

Conversions

Conversions Part 2

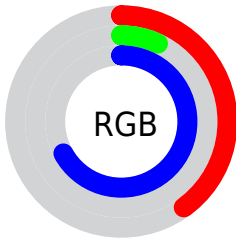
Format	Color
R _Y B	101, 18, 170
Decimal	6623914
CIE Lab	29.67, 59.70, -62.73
CIE LCh	30, 86.599, 313.585
Yxy	6.1016, 0.2234, 0.1062
Android (android.graphics.Color)	4284813994 (0xFF6512AA)
YUV	60.1450, 54.1585, 35.8298
Hunter-Lab	24.7014, 49.5499, -75.1944

Details

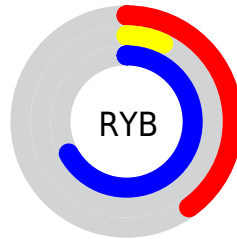
The Hex color **6512AA** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **57AA12**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **9E4DE2**, and **290074** is the 20% darker color. If you saturate the color by 10%, you get **5D01AA**, and if you desaturate by 10%, it is **6D23AA**.

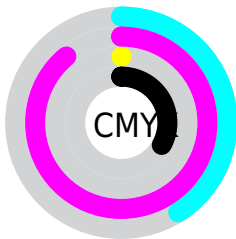
Distribution



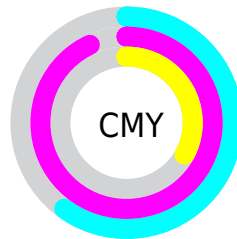
- Red (40%)
- Green (7%)
- Blue (67%)



- Red (40%)
- Yellow (7%)
- Blue (67%)



- Cyan (41%)
- Magenta (89%)
- Yellow (0%)
- Black (33%)



- Cyan (60%)
- Magenta (93%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6512AA 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 6512AA by changing the saturation by 10% instead.

6512AA

6512AA

FFFFFF

48008F

9E4DE2

290074

BB68FF

06005B

D983FF

000042

F79EFF

00032B

FFBAFF

000115

FFD7FF

000000

FFF4FF

6512AA

6512AA

■ 5D01AA

■ 6D23AA

■ 5D00AA

■ 7434AA

■ 7C45AA

■ 8456AA

■ 8C67AA

■ 9378AA

■ 9B89AA

■ A39AAA

■ AAABAA

Harmonies

Analogous

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



0047CE



6512AA



A4006E

Triad

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



6512AA



743400



005D64

Complementary

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



6512AA



57AA12

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.



005B1B



6512AA



3A4D00

Square

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



6512AA



9D0000



005700



005EA4

Rectangle

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



6512AA



B10042



005700



005C4D

Sweetspot

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



6512AA



C3A2DE



1259AA



604C70



F0F0F0



707070

Same Dimension

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



6512AA



7900DE



AA12A5



504C54



510094



0B0014

Inverse Universe

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



AA1257



DE0065



12AA17



544C50



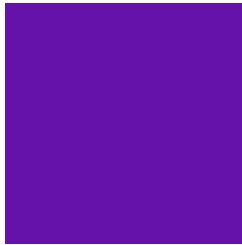
940043



140009

Previews

White Background



This preview shows how the Hex color 6512AA looks on a white background.

Color Contrast Check

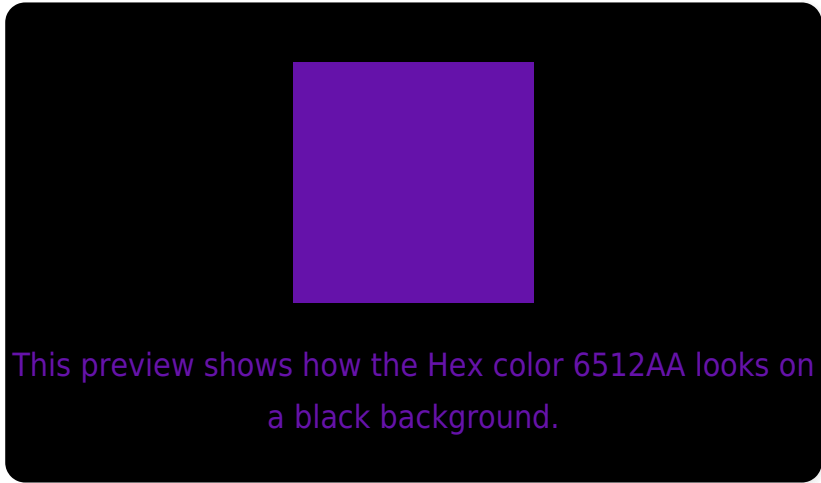
Large Text (above 18pt) WCAG AA ✓ Pass

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

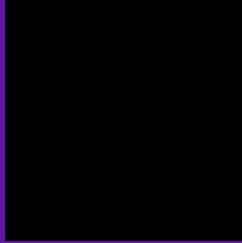
Any Text WCAG AA × Fail

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 6512AA Background



This preview shows how black text looks on a background with the Hex color 6512AA.



This preview shows how white text looks on a background with the Hex color 6512AA.

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
6512AA

Protanopia
004591

Deuteranopia
00497D



Tritanopia
504449

Trichromacy



Original Color
6512AA

Protanomaly
25329A

Deuteranomaly
25358D

Tritanomaly
58326C

Monochromacy



Original Color
6512AA

Achromatopsia
3C3C3C

Achromatomaly
4B2D64

CSS Examples

Text

The CSS property to change the color of the text to Hex 6512AA 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 #6512AA looks like.

```
.text, #text, p{  
    color:#6512AA  
}
```

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 #6512AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6512AA
}
```

Border

The CSS property to change the border of an element to Hex 6512AA is called "border". The border property can be set on classes, ids or directly on the HTML element.

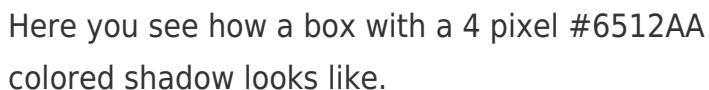
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6512AA }
```

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

```
.border{ border-color:#6512AA }
```

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



Here you see how a box with a 4 pixel #6512AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6512AA; -webkit-box-shadow:4px 4px  
4px 4px #6512AA; box-shadow:4px 4px 4px  
4px #6512AA }
```

Background

The CSS property to change the background color of an element to Hex 6512AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6512AA }
```

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

```
.background{ background-color:#6512AA }
```

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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