

Converting Colors

Hex(A22DD6)

Have a look what the booklet for
Hex(A22DD6) contains.

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Color

Hex(A22DD6)

Conversions

Conversions Part 1

Format	Color
Hex	A22DD6
RGB	162, 45, 214
RGB Percent	64%, 18%, 84%
CMY	0.3647, 0.8235, 0.1608
CMYK	0.24, 0.79, 0.00, 0.16
HSL	282°, 67%, 51%
HSV	282°, 79%, 84%
XYZ	27.9763, 14.4132, 64.9258
YIQ	99.2490, 15.4830, 77.3630

Conversions

Conversions Part 2

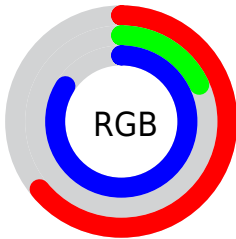
Format	Color
R_{YB}	162, 45, 214
Decimal	10628566
CIE _{Lab}	44.82, 70.44, -63.48
CIE _{LCh}	45, 94.825, 317.978
Yxy	14.4132, 0.2607, 0.1343
Android (android.graphics.Color)	4288818646 (0xFFA22DD6)
YUV	99.2490, 56.5722, 55.0326
Hunter-Lab	37.9647, 65.0988, -74.8203

Details

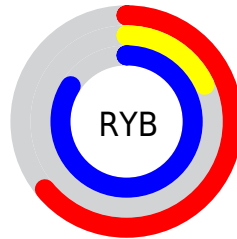
The Hex color **A22DD6** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle washed purple. A complement of this color would be **61D62D**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **DD69FF**, and **68009E** is the 20% darker color. If you saturate the color by 10%, you get **9B18D6**, and if you desaturate by 10%, it is **A942D6**.

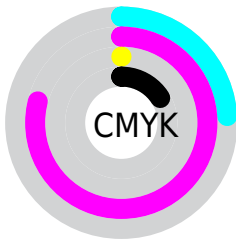
Distribution



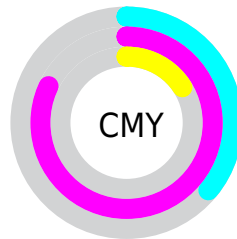
- Red (64%)
- Green (18%)
- Blue (84%)



- Red (64%)
- Yellow (18%)
- Blue (84%)



- Cyan (24%)
- Magenta (79%)
- Yellow (0%)
- Black (16%)



- Cyan (36%)
- Magenta (82%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color A22DD6 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 A22DD6 by changing the saturation by 10% instead.

 A22DD6

 A22DD6

FFFFFF

 8500BA

 DD69FF

 68009E

 FB85FF

 4B0083

 FFA1FF

 2D0069

 FFBEFF

 060050

 FFDBFF

 000138

 FFF9FF

 000221

 000007

 000000

 A22DD6

 A22DD6

 9B18D6

 A942D6

 9502D6

 AF58D6

 9400D6

 B66DD6

 BC83D6

 C398D6

 CAADD6

 D0C3D6

 D7D8D6

 DDEED6

Harmonies

Analogous

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



0065FF



A22DD6



E0008D

Triad

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



A22DD6



9C5B00



008899

Complementary

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



A22DD6



61D62D

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.



008646



A22DD6



547500

Square

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



A22DD6



CF2200



008100



0087E0

Rectangle

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



A22DD6



EC0059



008100



00887E

Sweetspot

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



A22DD6



ECC2FF



2D63D6



745B80



000000



808080

Same Dimension

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



A22DD6



B40DFE



D62DB7



68606B



7600AB



1E002B

Inverse Universe

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



D62D61



FF0D57



2DD64C



6B6064



AB0035



2B000D

Previews

White Background



This preview shows how the Hex color A22DD6 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

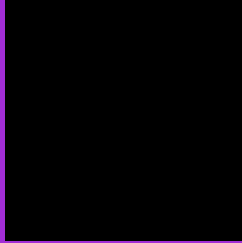
Any Text WCAG AA × Fail

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 A22DD6 Background



This preview shows how black text looks on a background with the Hex color A22DD6.

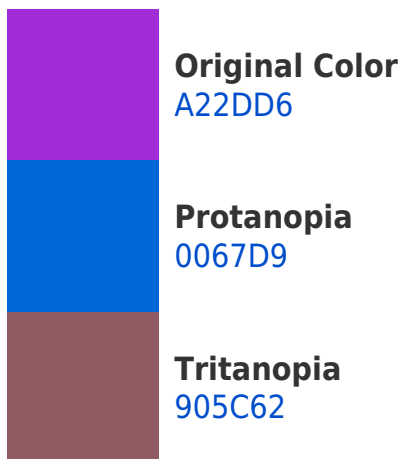


This preview shows how white text looks on a background with the Hex color A22DD6.

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



Trichromacy



Original Color

A22DD6



Protanomaly

3B52D8



Tritanomaly

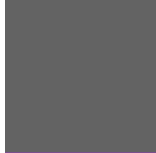
974B8C

Monochromacy



Original Color

A22DD6



Achromatopsia

636363



Achromatomaly

7A4F8D

CSS Examples

Text

The CSS property to change the color of the text to Hex A22DD6 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 #A22DD6 looks like.

```
.text, #text, p{  
    color:#A22DD6  
}
```

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 #A22DD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A22DD6
}
```

Border

The CSS property to change the border of an element to Hex A22DD6 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
#A22DD6 }
```

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

```
.border{ border-color:#A22DD6 }
```

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

Here you see how a box with a 4 pixel #A22DD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A22DD6; -webkit-box-shadow:4px 4px  
4px 4px #A22DD6; box-shadow:4px 4px 4px  
4px #A22DD6 }
```

Background

The CSS property to change the background color of an element to Hex A22DD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A22DD6 }
```

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

```
.background{ background-color:#A22DD6 }
```

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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