

Converting Colors

Hex(A22E7B)

Have a look what the booklet for
Hex(A22E7B) contains.

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Color

Hex(A22E7B)

Conversions

Conversions Part 1

Format	Color
Hex	A22E7B
RGB	162, 46, 123
RGB Percent	64%, 18%, 48%
CMY	0.3647, 0.8196, 0.5176
CMYK	0.00, 0.72, 0.24, 0.36
HSL	320°, 56%, 41%
HSV	320°, 72%, 64%
XYZ	19.4524, 11.0654, 19.8495
YIQ	89.4620, 44.4190, 48.5390

Conversions

Conversions Part 2

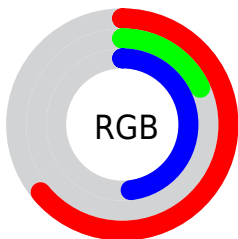
Format	Color
R_{YB}	162, 46, 123
Decimal	10628731
CIE _{Lab}	39.69, 54.61, -17.39
CIE _{LCh}	40, 57.311, 342.341
Yxy	11.0654, 0.3862, 0.2197
Android (android.graphics.Color)	4288818811 (0xFFA22E7B)
YUV	89.4620, 16.5342, 63.6158
Hunter-Lab	33.2647, 46.1693, -12.0937

Details

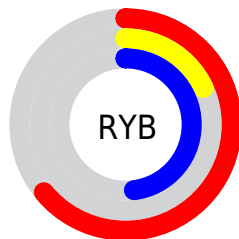
The Hex color **A22E7B** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **2EA255**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **DC66B0**, and **6A004A** is the 20% darker color. If you saturate the color by 10%, you get **A21E76**, and if you desaturate by 10%, it is **A23E80**.

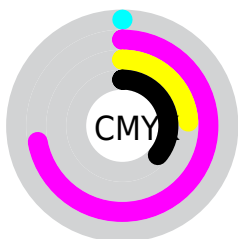
Distribution



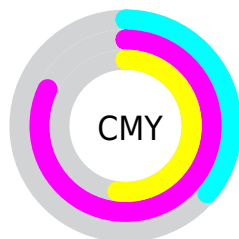
- Red (64%)
- Green (18%)
- Blue (48%)



- Red (64%)
- Yellow (18%)
- Blue (48%)



- Cyan (0%)
- Magenta (72%)
- Yellow (24%)
- Black (36%)



- Cyan (36%)
- Magenta (82%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color A22E7B 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 A22E7B by changing the saturation by 10% instead.

 A22E7B

 A22E7B

FFFFFF

 860862

 DC66B0

 6A004A

 FA81CB

 4F0033

 FF9DE7

 38001F

 FFB9FF

 160000

 FFD6FF

 000000

 FFF3FF

 A22E7B

 A22E7B

 A21E76

 A23E80

 A20E70

 A24E86

 A2006C

 A25F8B

 A26F91

 A27F96

 A28F9C

 A29FA1

 A2B0A7

 A2C0AC

Harmonies

Analogous

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



7747A3



A22E7B



AF264C

Triad

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



A22E7B



606200



00719C

Complementary

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



A22E7B



2EA255

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.



007270



A22E7B



286B0A

Square

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



A22E7B



885100



00703F



006AB7

Rectangle

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



A22E7B



AA322E



00703F



00728F

Sweetspot

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



A22E7B



D4A7C5



552EA2



6B5062



EBEBEB



6B6B6B

Same Dimension

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



A22E7B



D41E96



A22E41



52494F



910060



12000C

Inverse Universe

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



A22E7B



D41E96



2EA28F



52494F



910060



12000C

Previews

White Background



This preview shows how the Hex color A22E7B looks on a white background.

Color Contrast Check

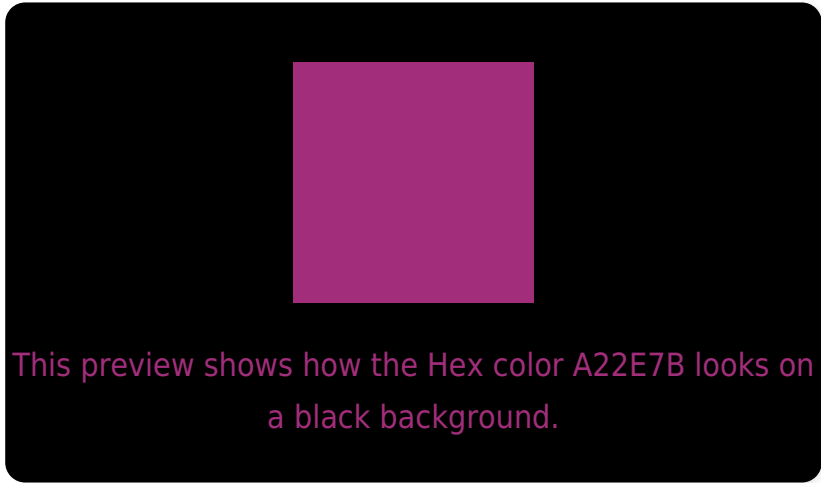
Large Text (above 18pt) WCAG AA ✓ Pass

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

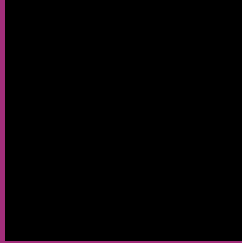
Any Text WCAG AA × Fail

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 A22E7B Background



This preview shows how black text looks on a background with the Hex color A22E7B.

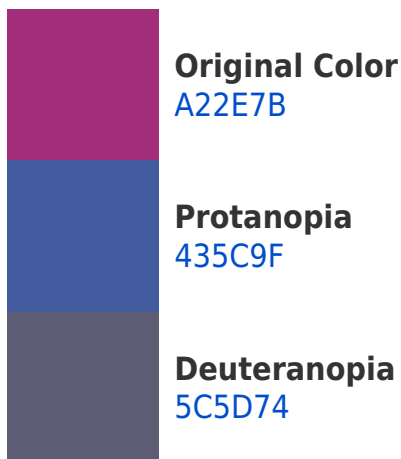


This preview shows how white text looks on a background with the Hex color A22E7B.

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
9D3F43

Trichromacy



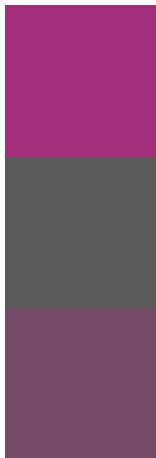
Original Color
A22E7B

Protanomaly
664B92

Deuteranomaly
754C77

Tritanomaly
9F3957

Monochromacy



Original Color
A22E7B

Achromatopsia
595959

Achromatomaly
744965

CSS Examples

Text

The CSS property to change the color of the text to Hex A22E7B 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 #A22E7B looks like.

```
.text, #text, p{  
    color:#A22E7B  
}
```

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 #A22E7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A22E7B
}
```

Border

The CSS property to change the border of an element to Hex A22E7B 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
#A22E7B }
```

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

```
.border{ border-color:#A22E7B }
```

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

Here you see how a box with a 4 pixel #A22E7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A22E7B; -webkit-box-shadow:4px 4px  
4px 4px #A22E7B; box-shadow:4px 4px 4px  
4px #A22E7B }
```

Background

The CSS property to change the background color of an element to Hex A22E7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A22E7B }
```

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

```
.background{ background-color:#A22E7B }
```

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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