

Converting Colors

Hex(AA2480)

Have a look what the booklet for
Hex(AA2480) contains.

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Color

Hex(AA2480)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | AA2480 |
| RGB | 170, 36, 128 |
| RGB Percent | 67%, 14%, 50% |
| CMY | 0.3333, 0.8588, 0.4980 |
| CMYK | 0.00, 0.79, 0.25, 0.33 |
| HSL | 319°, 65%, 40% |
| HSV | 319°, 79%, 67% |
| XYZ | 21.1047, 11.3663, 21.5036 |
| YIQ | 86.5540, 50.3320, 57.0200 |

Conversions

Conversions Part 2

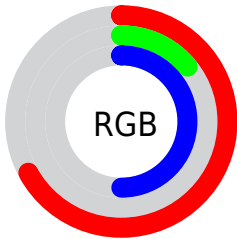
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 170, 36, 128 |
| Decimal | 11150464 |
| CIELab | 40.19, 60.57, -19.59 |
| CIELCh | 40, 63.661, 342.078 |
| Yxy | 11.3663, 0.3910, 0.2106 |
| Android (android.graphics.Color) | 4289340544 (0xFFAA2480) |
| YUV | 86.5540, 20.4329, 73.1821 |
| Hunter-Lab | 33.7140, 52.7404, -14.2169 |

Details

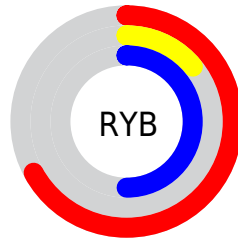
The Hex color **AA2480** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **24AA4E**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **E560B5**, and **71004F** is the 20% darker color. If you saturate the color by 10%, you get **AA137B**, and if you desaturate by 10%, it is **AA3585**.

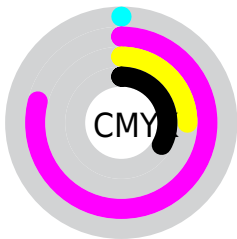
Distribution



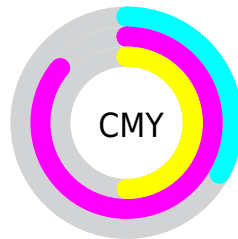
- Red (67%)
- Green (14%)
- Blue (50%)



- Red (67%)
- Yellow (14%)
- Blue (50%)



- Cyan (0%)
- Magenta (79%)
- Yellow (25%)
- Black (33%)



- Cyan (33%)
- Magenta (86%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA2480 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 AA2480 by changing the saturation by 10% instead.

■ AA2480

■ AA2480

FFFFFF

■ 8D0067

■ E560B5

■ 71004F

■ FF7CD1

■ 560038

■ FF98ED

■ 3D0022

■ FFB5FF

■ 1F0007

■ FFD2FF

■ 000000

■ FFEFFF

■ AA2480

■ AA2480

■ AA137B

■ AA3585

■ AA0275

■ AA468B

■ AA0075

■ AA5790

■ AA6895

■ AA799B

■ AA8AA0

■ AA9BA5

■ AAACAB

■ AABDB0

Harmonies

Analogous

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



7945AD



AA2480



B8174C

Triad

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



AA2480



616300



0074A4

Complementary

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



AA2480



24AA4E

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.



007573



AA2480



1E6E00

Square

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



AA2480



8D5100



00733C



006DC3

Rectangle

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



AA2480



B32A2B



00733C



007595

Sweetspot

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



AA2480



DEA9CD



4C24AA



705066



F0F0F0



707070

Same Dimension

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



AA2480



DE0B9C



AA243F



544C52



940066



14000E

Inverse Universe

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



AA2480



DE0B9C



24AA8F



544C52



940066



14000E

Previews

White Background



This preview shows how the Hex color AA2480 looks on a white background.

Color Contrast Check

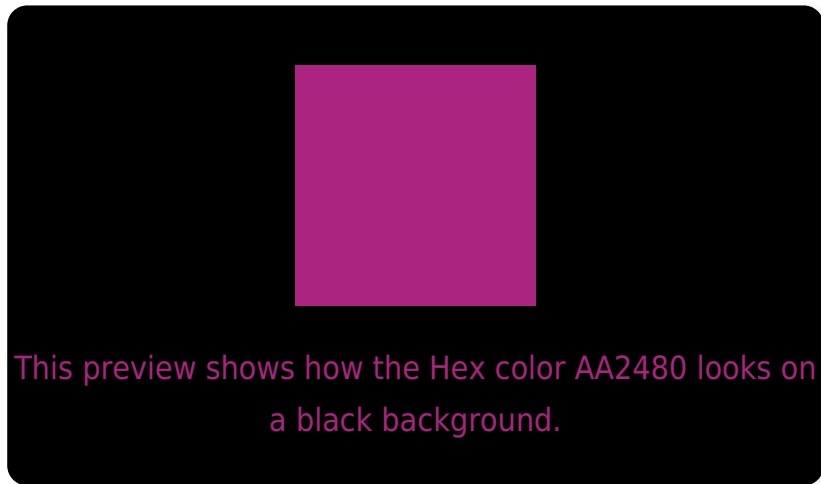
Large Text (above 18pt) WCAG AA ✓ Pass

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

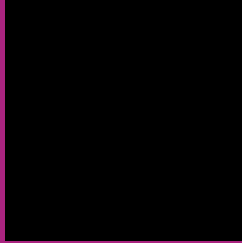
Any Text WCAG AA × Fail

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 AA2480 Background



This preview shows how black text looks on a background with the Hex color AA2480.

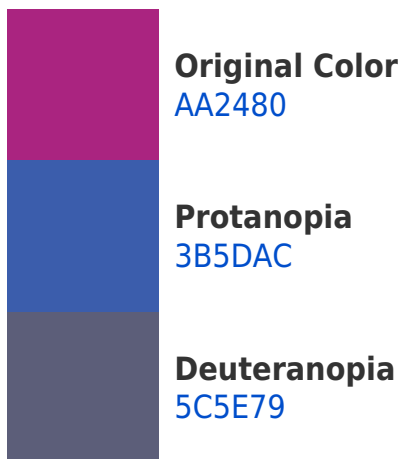


This preview shows how white text looks on a background with the Hex color AA2480.

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
A53B3E

Trichromacy



Original Color
AA2480

Protanomaly
63489C

Deuteranomaly
78497C

Tritanomaly
A73356

Monochromacy



Original Color
AA2480

Achromatopsia
575757

Achromatomaly
754466

CSS Examples

Text

The CSS property to change the color of the text to Hex AA2480 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 #AA2480 looks like.

```
.text, #text, p{  
    color:#AA2480  
}
```

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 #AA2480 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA2480
}
```

Border

The CSS property to change the border of an element to Hex AA2480 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
#AA2480 }
```

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

```
.border{ border-color:#AA2480 }
```

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

Here you see how a box with a 4 pixel #AA2480 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA2480; -webkit-box-shadow:4px 4px  
4px 4px #AA2480; box-shadow:4px 4px 4px  
4px #AA2480 }
```

Background

The CSS property to change the background color of an element to Hex AA2480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA2480 }
```

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

```
.background{ background-color:#AA2480 }
```

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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