

Converting Colors

Hex(A12878)

Have a look what the booklet for
Hex(A12878) contains.

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Color

Hex(A12878)

Conversions

Conversions Part 1

Format	Color
Hex	A12878
RGB	161, 40, 120
RGB Percent	63%, 16%, 47%
CMY	0.3686, 0.8431, 0.5294
CMYK	0.00, 0.75, 0.25, 0.37
HSL	320°, 60%, 39%
HSV	320°, 75%, 63%
XYZ	18.8469, 10.4507, 18.7931
YIQ	85.2990, 46.4360, 50.5320

Conversions

Conversions Part 2

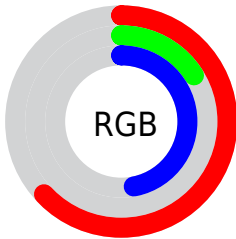
Format	Color
R_{YB}	161, 40, 120
Decimal	10561656
CIE _{Lab}	38.64, 56.05, -17.15
CIE _{LCh}	39, 58.616, 342.988
Yxy	10.4507, 0.3919, 0.2173
Android (android.graphics.Color)	4288751736 (0xFFA12878)
YUV	85.2990, 17.1076, 66.3898
Hunter-Lab	32.3276, 47.4918, -11.8381

Details

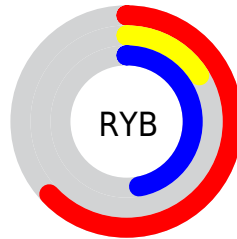
The Hex color **A12878** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **28A151**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **DB61AC**, and **690047** is the 20% darker color. If you saturate the color by 10%, you get **A11873**, and if you desaturate by 10%, it is **A1387D**.

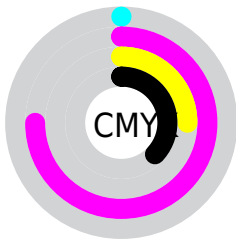
Distribution



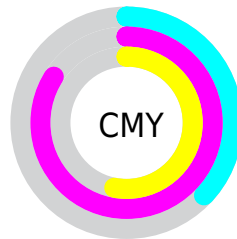
- Red (63%)
- Green (16%)
- Blue (47%)



- Red (63%)
- Yellow (16%)
- Blue (47%)



- Cyan (0%)
- Magenta (75%)
- Yellow (25%)
- Black (37%)



- Cyan (37%)
- Magenta (84%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color A12878 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 A12878 by changing the saturation by 10% instead.

 A12878

 A12878

FFFFFF

 85005F

 DB61AC

 690047

 F97DC8

 4E0031

 FF98E4

 36001C

 FFB5FF

 110000

 FFD1FF

 000000

 FFEEFF

 A12878

 A12878

 A11873

 A1387D

 A1086D

 A14883

 A1006A

 A15888

 A1688E

 A17993

 A18999

 A1999E

 A1A9A4

 A1B9A9

Harmonies

Analogous

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



7643A1



A12878



AE2049

Triad

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



A12878



5C5F00



006E9B

Complementary

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



A12878



28A151

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.



00706F



A12878



206904

Square

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



A12878



854F00



006E3D



0068B7

Rectangle

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



A12878



A82E2A



006E3D



006F8E

Sweetspot

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



A12878



D1A1C1



5028A1



694B5F



E8E8E8



696969

Same Dimension

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



A12878



D11591



A1283C



52494F



910060



12000C

Inverse Universe

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



A12878



D11591



28A18D



52494F



910060



12000C

Previews

White Background



This preview shows how the Hex color A12878 looks on a white background.

Color Contrast Check

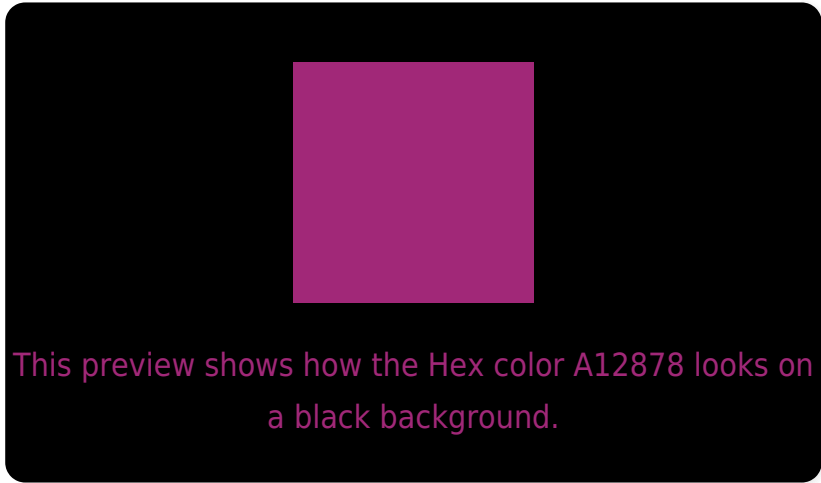
Large Text (above 18pt) WCAG AA ✓ Pass

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

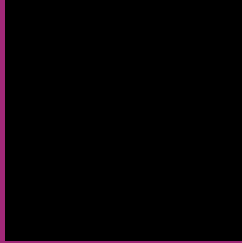
Any Text WCAG AA × Fail

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 A12878 Background



This preview shows how black text looks on a background with the Hex color A12878.

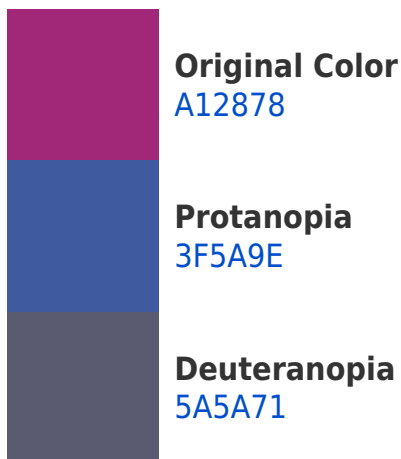


This preview shows how white text looks on a background with the Hex color A12878.

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



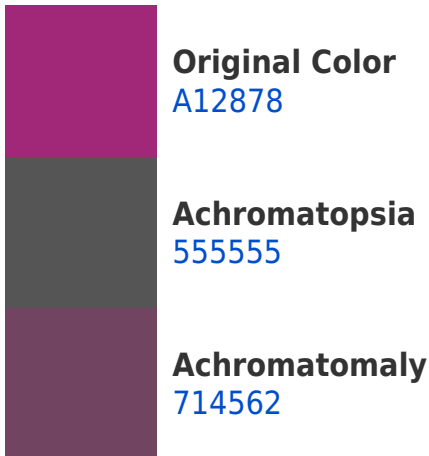


Tritanopia
9C3A3E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A12878 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 #A12878 looks like.

```
.text, #text, p{  
    color:#A12878  
}
```

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 #A12878 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A12878
}
```

Border

The CSS property to change the border of an element to Hex A12878 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
#A12878 }
```

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

```
.border{ border-color:#A12878 }
```

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

Here you see how a box with a 4 pixel #A12878 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A12878; -webkit-box-shadow:4px 4px  
4px 4px #A12878; box-shadow:4px 4px 4px  
4px #A12878 }
```

Background

The CSS property to change the background color of an element to Hex A12878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A12878 }
```

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

```
.background{ background-color:#A12878 }
```

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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