

Converting Colors

Hex(A12170)

Have a look what the booklet for
Hex(A12170) contains.

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Color

Hex(A12170)

Conversions

Conversions Part 1

Format	Color
Hex	A12170
RGB	161, 33, 112
RGB Percent	63%, 13%, 44%
CMY	0.3686, 0.8706, 0.5608
CMYK	0.00, 0.80, 0.30, 0.37
HSL	323°, 66%, 38%
HSV	323°, 80%, 63%
XYZ	18.1664, 9.8346, 16.2700
YIQ	80.2780, 50.9290, 51.7050

Conversions

Conversions Part 2

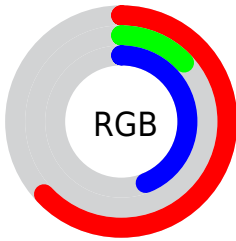
Format	Color
R_{YB}	161, 33, 112
Decimal	10559856
CIE Lab	37.54, 57.22, -13.81
CIE LCh	38, 58.865, 346.429
Yxy	9.8346, 0.4103, 0.2221
Android (android.graphics.Color)	4288749936 (0xFFA12170)
YUV	80.2780, 15.6389, 70.7932
Hunter-Lab	31.3602, 48.5216, -8.8082

Details

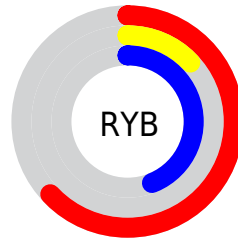
The Hex color **A12170** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **21A152**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **DB5CA4**, and **690040** is the 20% darker color. If you saturate the color by 10%, you get **A1116A**, and if you desaturate by 10%, it is **A13176**.

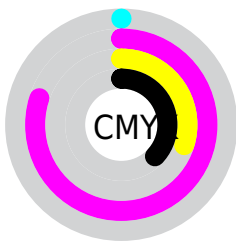
Distribution



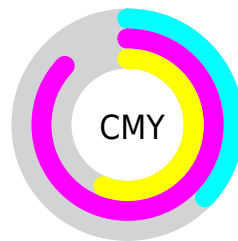
- Red (63%)
- Green (13%)
- Blue (44%)



- Red (63%)
- Yellow (13%)
- Blue (44%)



- Cyan (0%)
- Magenta (80%)
- Yellow (30%)
- Black (37%)



- Cyan (37%)
- Magenta (87%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color A12170 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 A12170 by changing the saturation by 10% instead.

 A12170

 A12170

FFFFFF

 850058

 DB5CA4

 690040

 F978BF

 4D002A

 FF94DB

 340015

 FFB0F7

 090000

 FFCDFE

 000000

 FFEAFF

 A12170

 A12170

 A1116A

 A13176

 A10164

 A1417C

 A10063

 A15182

 A16189

 A1728F

 A18295

 A1929B

 A1A2A1

 A1B2A7

Harmonies

Analogous

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



7A3D9B



A12170



AA1D41

Triad

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



A12170



545E00



006B9D

Complementary

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



A12170



21A152

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.



006D72



A12170



0C6709

Square

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



A12170



7D4E00



006C40



0064B6

Rectangle

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



A12170



A32E22



006C40



006C90

Sweetspot

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



A12170



D19FBE



5021A1



694A5D



E8E8E8



696969

Same Dimension

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



A12170



D10A85



A12132



52494E



91005A



12000B

Inverse Universe

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



A12170



D10A85



21A190



52494E



91005A



12000B

Previews

White Background



This preview shows how the Hex color A12170 looks on a white background.

Color Contrast Check

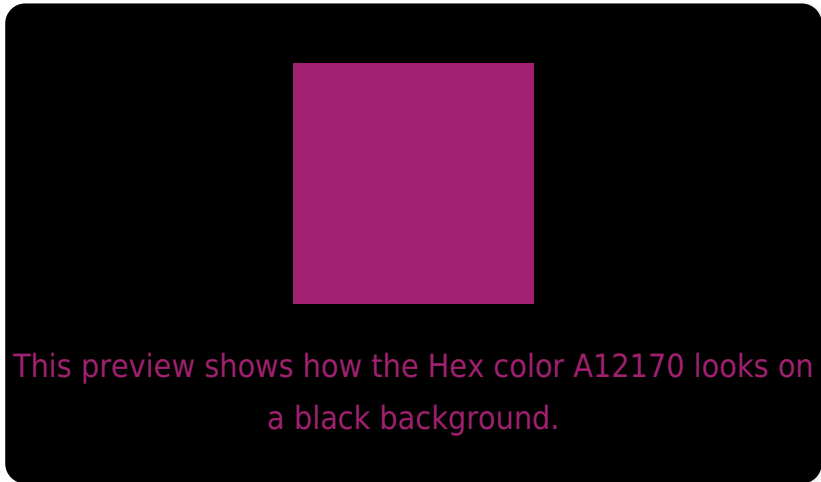
Large Text (above 18pt) WCAG AA ✓ Pass

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

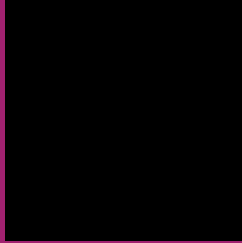
Any Text WCAG AA × Fail

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 A12170 Background



This preview shows how black text looks on a background with the Hex color A12170.




This preview shows how white text looks on a background with the Hex color A12170.

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](#).

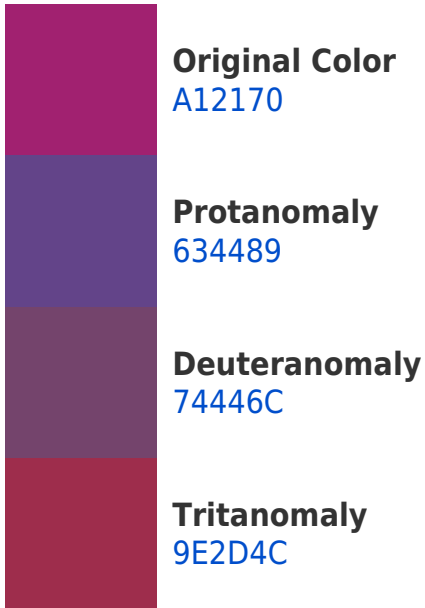
Dichromacy





Tritanopia
9D3437

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A12170 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 #A12170 looks like.

```
.text, #text, p{  
    color:#A12170  
}
```

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 #A12170 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A12170
}
```

Border

The CSS property to change the border of an element to Hex A12170 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
#A12170 }
```

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

```
.border{ border-color:#A12170 }
```

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

Here you see how a box with a 4 pixel #A12170 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A12170; -webkit-box-shadow:4px 4px  
4px 4px #A12170; box-shadow:4px 4px 4px  
4px #A12170 }
```

Background

The CSS property to change the background color of an element to Hex A12170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A12170 }
```

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

```
.background{ background-color:#A12170 }
```

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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