

Converting Colors

Hex(A1216F)

Have a look what the booklet for
Hex(A1216F) contains.

Hex(A1216F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A1216F)

Conversions

Conversions Part 1

Format	Color
Hex	A1216F
RGB	161, 33, 111
RGB Percent	63%, 13%, 44%
CMY	0.3686, 0.8706, 0.5647
CMYK	0.00, 0.80, 0.31, 0.37
HSL	323°, 66%, 38%
HSV	323°, 80%, 63%
XYZ	18.1110, 9.8125, 15.9784
YIQ	80.1640, 51.2500, 51.3940

Conversions

Conversions Part 2

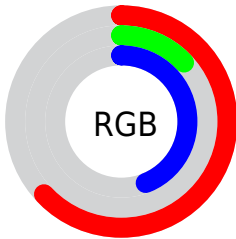
Format	Color
R_{YB}	161, 33, 111
Decimal	10559855
CIE _{Lab}	37.50, 57.10, -13.24
CIE _{LCh}	38, 58.617, 346.941
Yxy	9.8125, 0.4125, 0.2235
Android (android.graphics.Color)	4288749935 (0xFFA1216F)
YUV	80.1640, 15.2021, 70.8932
Hunter-Lab	31.3249, 48.3845, -8.3156

Details

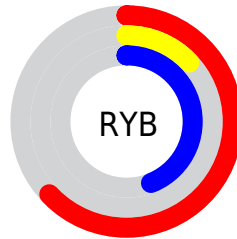
The Hex color **A1216F** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **21A153**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **DB5CA3**, and **69003F** is the 20% darker color. If you saturate the color by 10%, you get **A11169**, and if you desaturate by 10%, it is **A13175**.

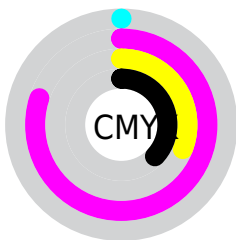
Distribution



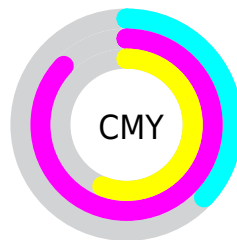
- Red (63%)
- Green (13%)
- Blue (44%)



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



- Cyan (0%)
- Magenta (80%)
- Yellow (31%)
- Black (37%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color A1216F 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 A1216F by changing the saturation by 10% instead.

 A1216F

 A1216F

FFFFFF

 850057

 DB5CA3

 69003F


 F978BE

 4D0029

 FF94DA

 340015

 FFB0F6

 080000

 FFCDFE

 000000

 FFEAFF

 A1216F

 A1216F

 A11169

 A13175

 A10162

 A1417C

 A10062

 A15182

 A16188

 A1728E

 A18295

 A1929B

 A1A2A1

 A1B2A8

Harmonies

Analogous

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



7A3D9A



A1216F



AA1E40

Triad

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



A1216F



535E00



006B9D

Complementary

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



A1216F



21A153

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.



006D73



A1216F



09670B

Square

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



A1216F



7D4F00



006B41



0064B5

Rectangle

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



A1216F



A22E22



006B41



006C90

Sweetspot

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



A1216F



D19FBD



5221A1



694A5D



E8E8E8



696969

Same Dimension

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



A1216F



D10A84



A12130



52494E



910059



12000B

Inverse Universe

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



A1216F



D10A84



21A192



52494E



910059



12000B

Previews

White Background



This preview shows how the Hex color A1216F 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

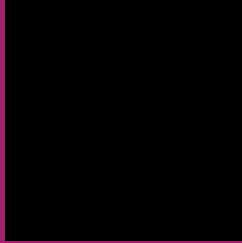
Any Text WCAG AA × Fail

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 A1216F Background



This preview shows how black text looks on a background with the Hex color A1216F.




This preview shows how white text looks on a background with the Hex color A1216F.

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



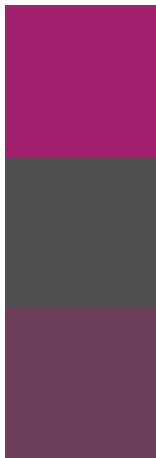
Original Color
A1216F

Protanomaly
634488

Deuteranomaly
74436B

Tritanomaly
9E2D4B

Monochromacy



Original Color
A1216F

Achromatopsia
505050

Achromatomaly
6D3F5B

CSS Examples

Text

The CSS property to change the color of the text to Hex A1216F 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 #A1216F looks like.

```
.text, #text, p{  
    color:#A1216F  
}
```

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 #A1216F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1216F
}
```

Border

The CSS property to change the border of an element to Hex A1216F is called "border". The border property can be set on classes, ids or directly on the HTML element.

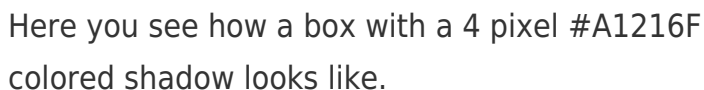
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A1216F }
```

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

```
.border{ border-color:#A1216F }
```

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



Here you see how a box with a 4 pixel `#A1216F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1216F; -webkit-box-shadow:4px 4px  
4px 4px #A1216F; box-shadow:4px 4px 4px  
4px #A1216F }
```

Background

The CSS property to change the background color of an element to Hex A1216F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1216F }
```

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

```
.background{ background-color:#A1216F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor