

Converting Colors

Hex(A12F68)

Have a look what the booklet for
Hex(A12F68) contains.

Hex(A12F68)	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(A12F68)

Conversions

Conversions Part 1

Format	Color
Hex	A12F68
RGB	161, 47, 104
RGB Percent	63%, 18%, 41%
CMY	0.3686, 0.8157, 0.5922
CMYK	0.00, 0.71, 0.35, 0.37
HSL	330°, 55%, 41%
HSV	330°, 71%, 63%
XYZ	18.2131, 10.6096, 14.1846
YIQ	87.5840, 49.6470, 41.8950

Conversions

Conversions Part 2

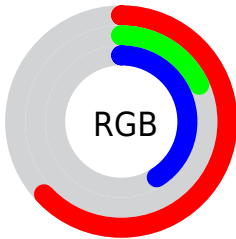
Format	Color
RYB	161, 47, 104
Decimal	10563432
CIELab	38.91, 51.56, -6.71
CIElCh	39, 51.993, 352.589
Yxy	10.6096, 0.4235, 0.2467
Android (android.graphics.Color)	4288753512 (0xFFA12F68)
YUV	87.5840, 8.0931, 64.3858
Hunter-Lab	32.5723, 42.8085, -3.0190

Details

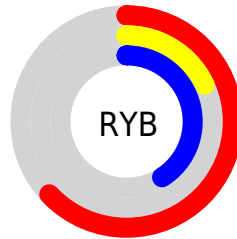
The Hex color **A12F68** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **2FA168**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **DB669B**, and **690039** is the 20% darker color. If you saturate the color by 10%, you get **A11F60**, and if you desaturate by 10%, it is **A13F70**.

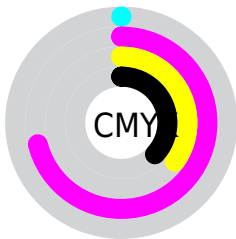
Distribution



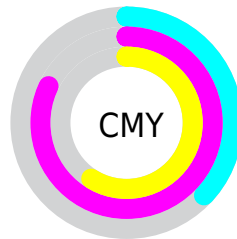
- Red (63%)
- Green (18%)
- Blue (41%)



- Red (63%)
- Yellow (18%)
- Blue (41%)



- Cyan (0%)
- Magenta (71%)
- Yellow (35%)
- Black (37%)



- Cyan (37%)
- Magenta (82%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color A12F68 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 A12F68 by changing the saturation by 10% instead.

 A12F68

 A12F68

FFFFFF

 850C50

 DB669B

 690039

 F981B6

 4E0024

 FF9DD1

 36000E

 FFB9EE

 0A0000

 FFD5FF

 000000

 FFF2FF

 A12F68

 A12F68

 A11F60

 A13F70

 A10F58

 A14F78

 A10051

 A15F80

 A16F88

 A18090

 A19098

 A1A0A0

 A1B0A8

 A1C0B0

Harmonies

Analogous

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



844190



A12F68



A5323E

Triad

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



A12F68



506300



006C9E

Complementary

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



A12F68



2FA168

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.



006F7B



A12F68



0C6A24

Square

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



A12F68



785600



006E4F



0064B0

Rectangle

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



A12F68



9D3D24



006E4F



006D94

Sweetspot

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



A12F68



D1A5BB



682FA1



694E5B



E8E8E8



696969

Same Dimension

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



A12F68



D11F78



A12F2F



52494E



910049



120009

Inverse Universe

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



A12F68



D11F78



2FA1A1



52494E



910049



120009

Previews

White Background



This preview shows how the Hex color A12F68 looks on a white background.

Color Contrast Check

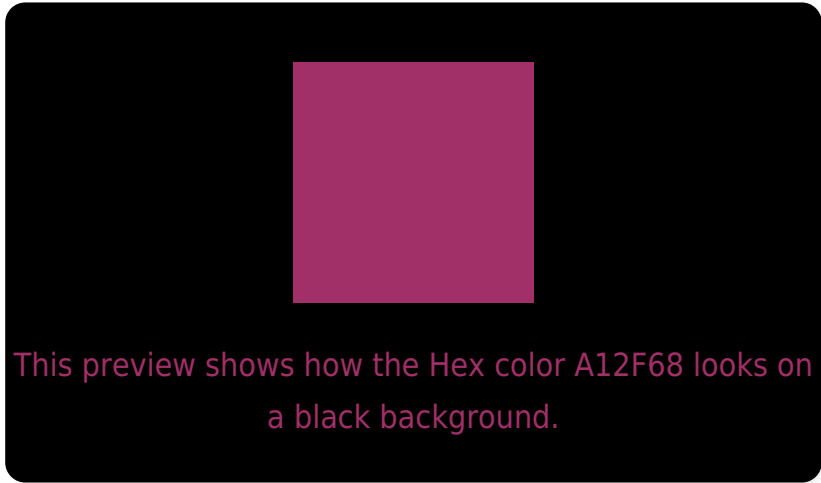
Large Text (above 18pt) WCAG AA ✓ Pass

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 A12F68 Background



This preview shows how black text looks on a background with the Hex color A12F68.



This preview shows how white text looks on a background with the Hex color A12F68.

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
9E3A3E

Trichromacy



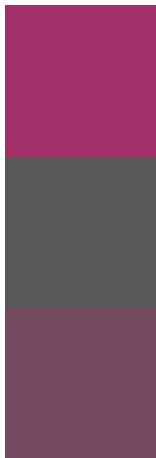
Original Color
A12F68

Protanomaly
6D4B7B

Deuteranomaly
7A4A64

Tritanomaly
9F364D

Monochromacy



Original Color
A12F68

Achromatopsia
585858

Achromatomaly
73495E

CSS Examples

Text

The CSS property to change the color of the text to Hex A12F68 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 #A12F68 looks like.

```
.text, #text, p{  
    color:#A12F68  
}
```

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 #A12F68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A12F68
}
```

Border

The CSS property to change the border of an element to Hex A12F68 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
#A12F68 }
```

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

```
.border{ border-color:#A12F68 }
```

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

Here you see how a box with a 4 pixel #A12F68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A12F68; -webkit-box-shadow:4px 4px  
4px 4px #A12F68; box-shadow:4px 4px 4px  
4px #A12F68 }
```

Background

The CSS property to change the background color of an element to Hex A12F68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A12F68 }
```

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

```
.background{ background-color:#A12F68 }
```

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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