

Converting Colors

Hex(A6F291)

Have a look what the booklet for
Hex(A6F291) contains.

Hex(A6F291)	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(A6F291)

Conversions

Conversions Part 1

Format	Color
Hex	A6F291
RGB	166, 242, 145
RGB Percent	65%, 95%, 57%
CMY	0.3490, 0.0510, 0.4314
CMYK	0.31, 0.00, 0.40, 0.05
HSL	107°, 79%, 76%
HSV	107°, 40%, 95%
XYZ	52.5889, 73.6556, 38.2333
YIQ	208.2180, -14.1590, -46.2790

Conversions

Conversions Part 2

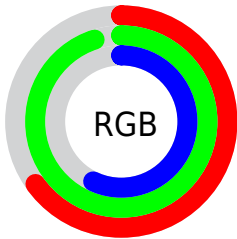
Format	Color
RYB	145, 242, 221
Decimal	10941073
CIELab	88.76, -41.07, 39.52
CIELCh	89, 56.999, 136.103
Yxy	73.6556, 0.3197, 0.4478
Android (android.graphics.Color)	4289131153 (0xFFA6F291)
YUV	208.2180, -31.1665, -37.0252
Hunter-Lab	85.8228, -40.8122, 33.6628

Details

The Hex color **A6F291** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **DD91F2**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **DFFFC8**, and **6FB95D** is the 20% darker color. If you saturate the color by 10%, you get **93F279**, and if you desaturate by 10%, it is **B9F2A9**.

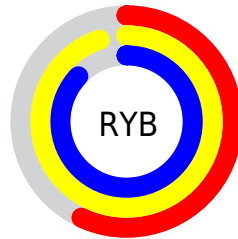
Distribution



Red (65%)

Green (95%)

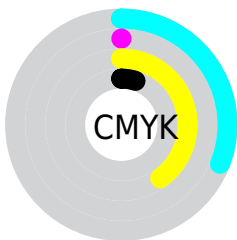
Blue (57%)



Red (57%)

Yellow (95%)

Blue (87%)

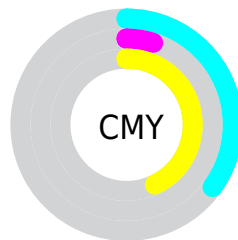


Cyan (31%)

Magenta (0%)

Yellow (40%)

Black (5%)



Cyan (35%)

Magenta (5%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6F291 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 A6F291 by changing the saturation by 10% instead.

 A6F291

 A6F291

FFFFFF

 8AD577

 DFFFC8

 6FB95D

 FDFFE4

 549E44

 38842B

 196A11

 005100

 003900

 002500

 000000

 A6F291

 A6F291

 93F279

 B9F2A9

 80F261

 CCF2C1

 6DF248

 DFF2DA

 5AF230

 F2F2F2

 47F218

 FFF2FF

 34F200

Harmonies

Analogous

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



E3E573



A6F291



52F9C3

Triad

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



A6F291



3CECFF



FFB3C3

Complementary

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



A6F291



DD91F2

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.



FFB5FA



A6F291



BBD AFF

Square

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



A6F291



00F7FF



FFC5FF



FFC093

Rectangle

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



A6F291



00FBE9



FFC5FF



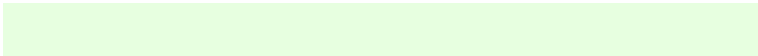
FFB2D6

Sweetspot

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



A6F291



E7FFE0



F2DD91



72806E



000000



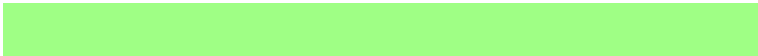
808080

Same Dimension

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



A6F291



9FFF85



91F2AC



6E786C



28B800



0C3800

Inverse Universe

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



DD91F2



E585FF



F291D7



756C78



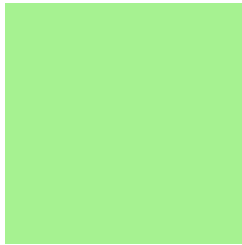
9000B8



2C0038

Previews

White Background



This preview shows how the Hex color A6F291 looks on a white background.

Color Contrast Check

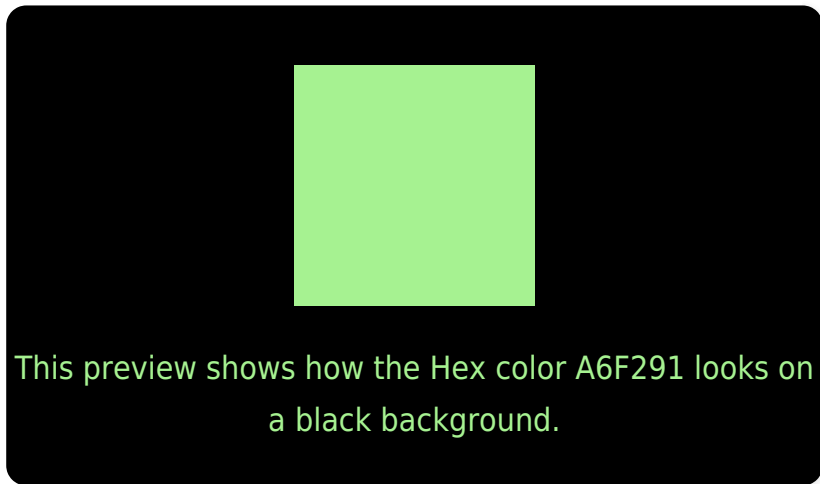
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

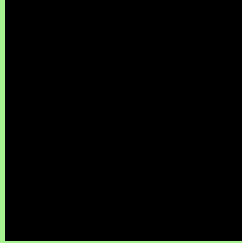
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex A6F291 Background



This preview shows how black text looks on a background with the Hex color A6F291.

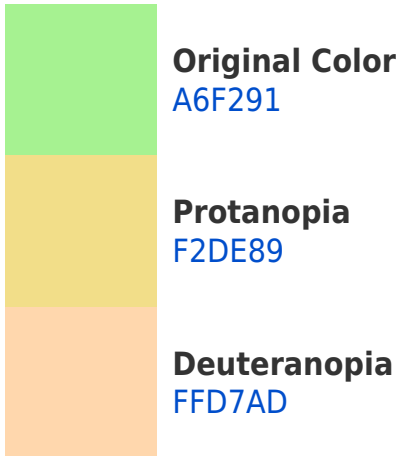


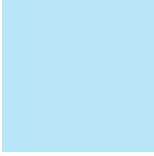
This preview shows how white text looks on a background with the Hex color A6F291.

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



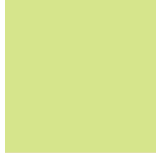


Tritanopia
B8E6F8

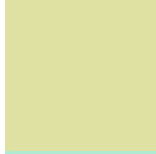
Trichromacy



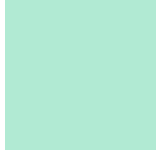
Original Color
A6F291



Protanomaly
D6E58C



Deuteranomaly
DFE1A3

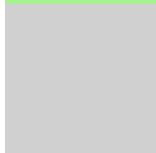


Tritanomaly
B1EAD3

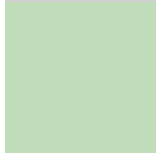
Monochromacy



Original Color
A6F291



Achromatopsia
D0D0D0



Achromatomaly
C1DCB9

CSS Examples

Text

The CSS property to change the color of the text to Hex A6F291 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 #A6F291 looks like.

```
.text, #text, p{  
    color:#A6F291  
}
```

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 #A6F291 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6F291
}
```

Border

The CSS property to change the border of an element to Hex A6F291 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
#A6F291 }
```

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

```
.border{ border-color:#A6F291 }
```

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

Here you see how a box with a 4 pixel #A6F291 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6F291; -webkit-box-shadow:4px 4px  
4px 4px #A6F291; box-shadow:4px 4px 4px  
4px #A6F291 }
```

Background

The CSS property to change the background color of an element to Hex A6F291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6F291 }
```

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

```
.background{ background-color:#A6F291 }
```

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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