

Converting Colors

Hex(A6F160)

Have a look what the booklet for
Hex(A6F160) contains.

Hex(A6F160)	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(A6F160)

Conversions

Conversions Part 1

Format	Color
Hex	A6F160
RGB	166, 241, 96
RGB Percent	65%, 95%, 38%
CMY	0.3490, 0.0549, 0.6235
CMYK	0.31, 0.00, 0.60, 0.05
HSL	91°, 84%, 66%
HSV	91°, 60%, 95%
XYZ	49.2925, 71.8621, 22.3391
YIQ	202.0450, 1.8450, -60.9950

Conversions

Conversions Part 2

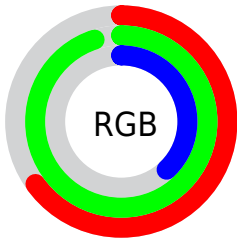
Format	Color
RYB	96, 241, 171
Decimal	10940768
CIELab	87.90, -46.14, 61.18
CIELCh	88, 76.630, 127.021
Yxy	71.8621, 0.3435, 0.5008
Android (android.graphics.Color)	4289130848 (0xFFA6F160)
YUV	202.0450, -52.2802, -31.6115
Hunter-Lab	84.7715, -44.5569, 43.7159

Details

The Hex color **A6F160** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **AB60F1**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **E0FF97**, and **6DB826** is the 20% darker color. If you saturate the color by 10%, you get **9AF148**, and if you desaturate by 10%, it is **B2F178**.

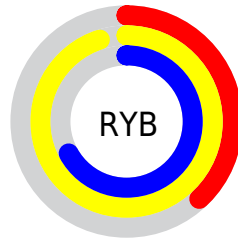
Distribution



Red (65%)

Green (95%)

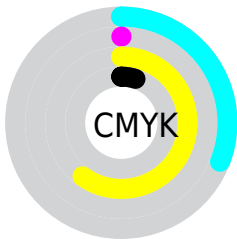
Blue (38%)



Red (38%)

Yellow (95%)

Blue (67%)

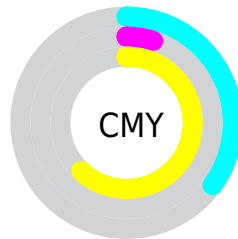


Cyan (31%)

Magenta (0%)

Yellow (60%)

Black (5%)



Cyan (35%)

Magenta (5%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6F160 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 A6F160 by changing the saturation by 10% instead.

 A6F160

 A6F160

FFFFFF

 89D444

 E0FF97

 6DB826

 FEFFB3

 509D00

 FFFFD0

 328300

 FFFFED

 0B6900

 005000

 003800

 002300

 000000

 A6F160

 A6F160

 9AF148

 B2F178

 8DF130

 BFF190

 81F118

 CBF1A8

 74F100

 D8F1C0

 E4F1D8

 F1F1F1

 FDF1FF

 FFF1FF

Harmonies

Analogous

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



F3DE3D



A6F160



00FCA1

Triad

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



A6F160



00F3FF



FF98CE

Complementary

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



A6F160



AB60F1

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.



FFA4FF



A6F160



62DFFF

Square

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



A6F160



00DFF



F6C2FF



FFA888

Rectangle

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



A6F160



00FFD3



F6C2FF



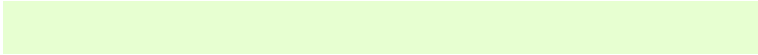
FF99E7

Sweetspot

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



A6F160



E7FFD1



F1AB60



718063



000000



808080

Same Dimension

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



A6F160



A0FF47



60F162



72786C



59B800



1B3800

Inverse Universe

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



AB60F1



A647FF



F160EF



726C78



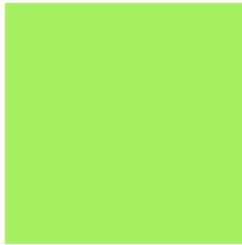
5F00B8



1D0038

Previews

White Background



This preview shows how the Hex color A6F160 looks on a white background.

Color Contrast Check

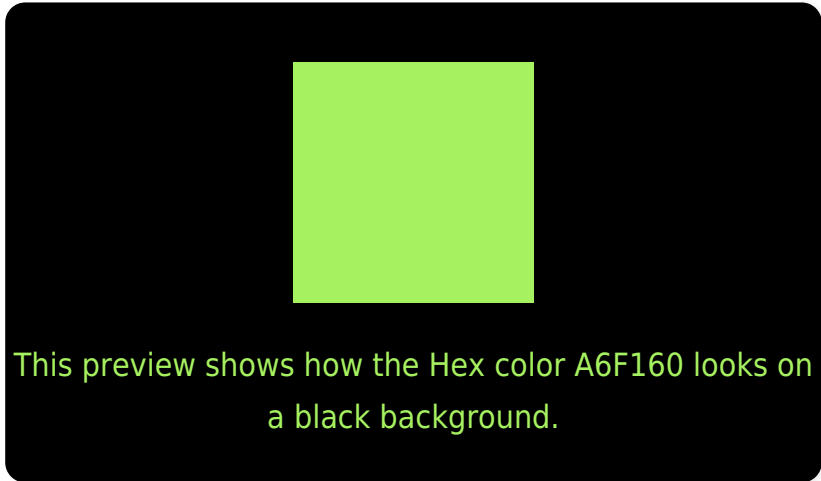
Large Text (above 18pt) WCAG AA × Fail

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 A6F160 Background



This preview shows how black text looks on a background with the Hex color A6F160.

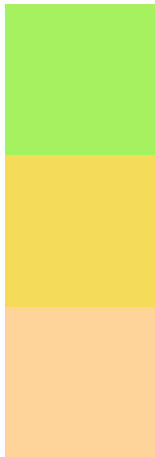


This preview shows how white text looks on a background with the Hex color A6F160.

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



Original Color
A6F160

Protanopia
F4DC5A

Deuteranopia
FFD49B

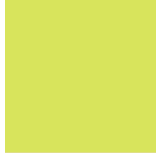


Tritanopia
BBE2F4

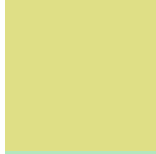
Trichromacy



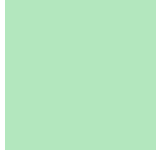
Original Color
A6F160



Protanomaly
D8E45C



Deuteranomaly
DFDF86

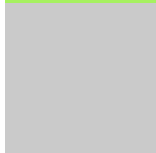


Tritanomaly
B3E7BE

Monochromacy



Original Color
A6F160



Achromatopsia
CACACA



Achromatomaly
BDD8A3

CSS Examples

Text

The CSS property to change the color of the text to Hex A6F160 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 #A6F160 looks like.

```
.text, #text, p{  
    color:#A6F160  
}
```

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 #A6F160 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6F160
}
```

Border

The CSS property to change the border of an element to Hex A6F160 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
#A6F160 }
```

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

```
.border{ border-color:#A6F160 }
```

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

Here you see how a box with a 4 pixel #A6F160 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6F160; -webkit-box-shadow:4px 4px  
4px 4px #A6F160; box-shadow:4px 4px 4px  
4px #A6F160 }
```

Background

The CSS property to change the background color of an element to Hex A6F160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6F160 }
```

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

```
.background{ background-color:#A6F160 }
```

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