

Converting Colors

Hex(A6CB26)

Have a look what the booklet for
Hex(A6CB26) contains.

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Color

Hex(A6CB26)

Conversions

Conversions Part 1

Format	Color
Hex	A6CB26
RGB	166, 203, 38
RGB Percent	65%, 80%, 15%
CMY	0.3490, 0.2039, 0.8510
CMYK	0.18, 0.00, 0.81, 0.20
HSL	73°, 68%, 47%
HSV	73°, 81%, 80%
XYZ	37.4317, 50.9588, 9.6969
YIQ	173.1270, 30.9130, -59.1590

Conversions

Conversions Part 2

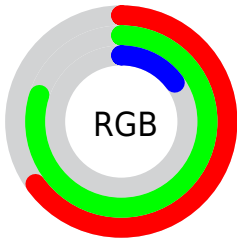
Format	Color
RYB	38, 203, 75
Decimal	10930982
CIELab	76.65, -32.87, 70.43
CIELCh	77, 77.728, 115.020
Yxy	50.9588, 0.3816, 0.5195
Android (android.graphics.Color)	4289121062 (0xFFA6CB26)
YUV	173.1270, -66.6176, -6.2504
Hunter-Lab	71.3854, -31.3262, 41.9159

Details

The Hex color **A6CB26** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **4B26CB**, and the grayscale version is **AEAFAE**.

A 20% lighter version of the original color is **E1FF63**, and **6D9500** is the 20% darker color. If you saturate the color by 10%, you get **A1CB12**, and if you desaturate by 10%, it is **ABCB3A**.

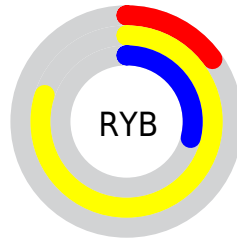
Distribution



Red (65%)

Green (80%)

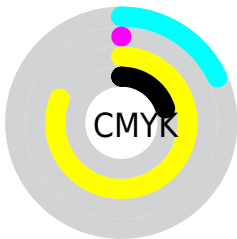
Blue (15%)



Red (15%)

Yellow (80%)

Blue (29%)

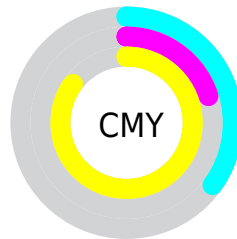


Cyan (18%)

Magenta (0%)

Yellow (81%)

Black (20%)



Cyan (35%)

Magenta (20%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6CB26 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 A6CB26 by changing the saturation by 10% instead.



A6CB26



A6CB26

FFFFFF



89B000



E1FF63



6D9500



FFFF80



517B00



FFF99C



366200



FFFFB8



174A00



FFFD6



003300



FFFFF3



001F00



000000



A6CB26



A6CB26

 A1CB12

 ABCB3A

 9DCB00

 AFCE4F

 B4CB63

 B8CB77

 BDCB8C

 C1CBA0

 C6CBB4

 CACBC8

 CFCBDD

Harmonies

Analogous

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



EBB60F



A6CB26



3CD866

Triad

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



A6CB26



00D8FF



FF77CC

Complementary

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



A6CB26



4B26CB

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.



FF8EFF



A6CB26



00C9FF

Square

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



A6CB26



00DEF8



A6AFFF



FF7D85

Rectangle

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



A6CB26



00DD95



A6AFFF



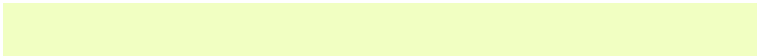
FF7CE4

Sweetspot

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



A6CB26



F1FFC2



CB4A26



77805B



000000



808080

Same Dimension

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



A6CB26



C7FF05



55CB26



64665C



81A600



1E2600

Inverse Universe

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



4B26CB



3D05FF



9C26CB



5E5C66



2500A6



090026

Previews

White Background



This preview shows how the Hex color A6CB26 looks on a white background.

Color Contrast Check

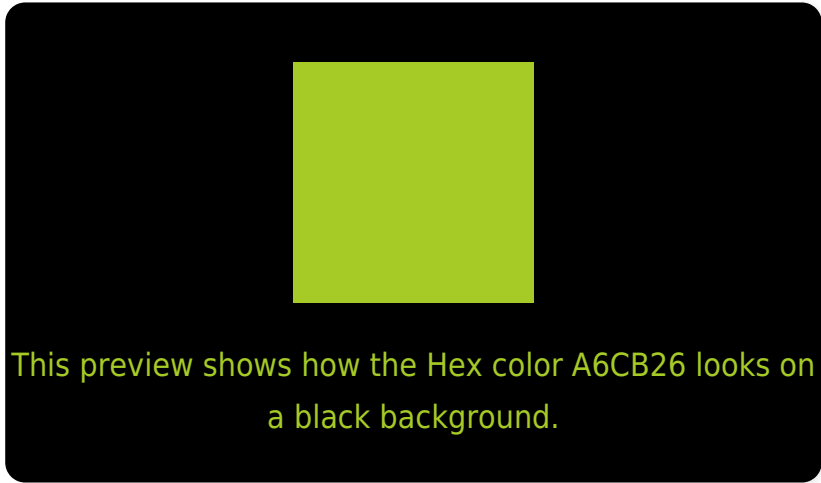
Large Text (above 18pt) WCAG AA × Fail

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 A6CB26 Background



This preview shows how black text looks on a background with the Hex color A6CB26.

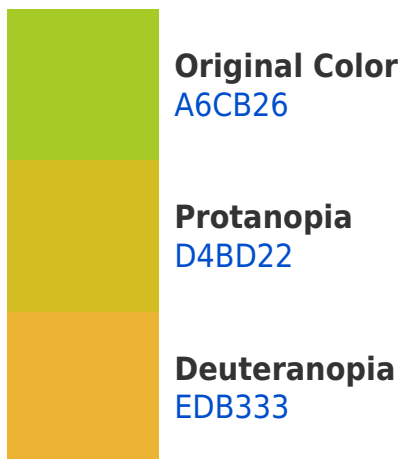


This preview shows how white text looks on a background with the Hex color A6CB26.

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



Trichromacy



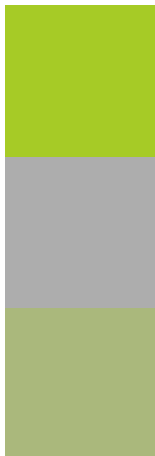
Original Color
A6CB26

Protanomaly
C3C223

Deuteranomaly
D3BC2E

Tritanomaly
B0C290

Monochromacy



Original Color
A6CB26

Achromatopsia
ADADAD

Achromatomaly
AAB87C

CSS Examples

Text

The CSS property to change the color of the text to Hex A6CB26 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 #A6CB26 looks like.

```
.text, #text, p{  
    color:#A6CB26  
}
```

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 #A6CB26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6CB26
}
```

Border

The CSS property to change the border of an element to Hex A6CB26 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
#A6CB26 }
```

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

```
.border{ border-color:#A6CB26 }
```

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

Here you see how a box with a 4 pixel #A6CB26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6CB26; -webkit-box-shadow:4px 4px  
4px 4px #A6CB26; box-shadow:4px 4px 4px  
4px #A6CB26 }
```

Background

The CSS property to change the background color of an element to Hex A6CB26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6CB26 }
```

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

```
.background{ background-color:#A6CB26 }
```

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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