

Converting Colors

Hex(A6C538)

Have a look what the booklet for
Hex(A6C538) contains.

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Color

Hex(A6C538)

Conversions

Conversions Part 1

Format	Color
Hex	A6C538
RGB	166, 197, 56
RGB Percent	65%, 77%, 22%
CMY	0.3490, 0.2275, 0.7804
CMYK	0.16, 0.00, 0.72, 0.23
HSL	73°, 56%, 50%
HSV	73°, 72%, 77%
XYZ	36.4059, 48.3250, 11.1502
YIQ	171.6570, 26.7850, -50.4230

Conversions

Conversions Part 2

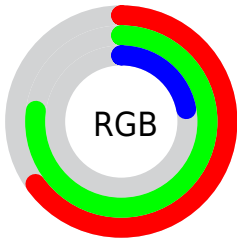
Format	Color
RYB	56, 197, 87
Decimal	10929464
CIELab	75.03, -29.25, 63.38
CIELCh	75, 69.801, 114.775
Yxy	48.3250, 0.3797, 0.5040
Android (android.graphics.Color)	4289119544 (0xFFA6C538)
YUV	171.6570, -57.0189, -4.9612
Hunter-Lab	69.5162, -28.1721, 39.1514

Details

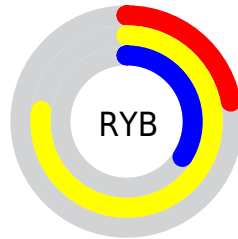
The Hex color **A6C538** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **5738C5**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **E0FE70**, and **6E8F00** is the 20% darker color. If you saturate the color by 10%, you get **A2C524**, and if you desaturate by 10%, it is **AAC54C**.

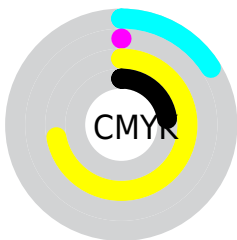
Distribution



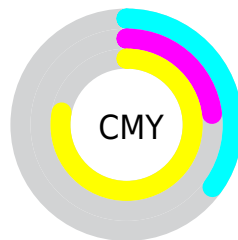
- Red (65%)
- Green (77%)
- Blue (22%)



- Red (22%)
- Yellow (77%)
- Blue (34%)



- Cyan (16%)
- Magenta (0%)
- Yellow (72%)
- Black (23%)



- Cyan (35%)
- Magenta (23%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6C538 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 A6C538 by changing the saturation by 10% instead.



A6C538



A6C538

FFFFFF



8AAA17



E0FE70



6E8F00



FEFF8B



537500



FFFFA7



385D00



FFFFC4



1B4500



FFFFE1



002E00

FFFFFFE



001A00



000000



A6C538



A6C538

 A2C524

 AAC54C

 9DC511

 AFC55F

 9AC500

 B3C573

 B7C587

 BCC59B

 C0C5AE

 C4C5C2

 C9C5D6

 CDC5E9

Harmonies

Analogous

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



E4B22B



A6C538



4FD16B

Triad

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



A6C538



00D1FF



FF7DC7

Complementary

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



A6C538



5738C5

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.



FC91FF



A6C538



00C3FF

Square

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



A6C538



00D7ED



A5ACFF



FF8187

Rectangle

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



A6C538



00D595



A5ACFF



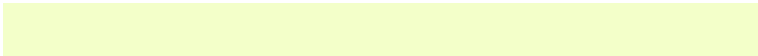
FF81DC

Sweetspot

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



A6C538



F3FFC9



C55738



788060



000000



808080

Same Dimension

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



A6C538



CFFF24



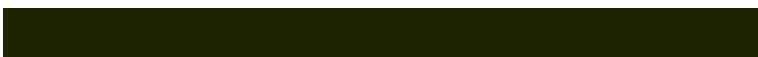
60C538



61635A



7FA300



1C2400

Inverse Universe

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



5738C5



5424FF



9D38C5



5C5A63



2400A3



080024

Previews

White Background



This preview shows how the Hex color A6C538 looks on a white background.

Color Contrast Check

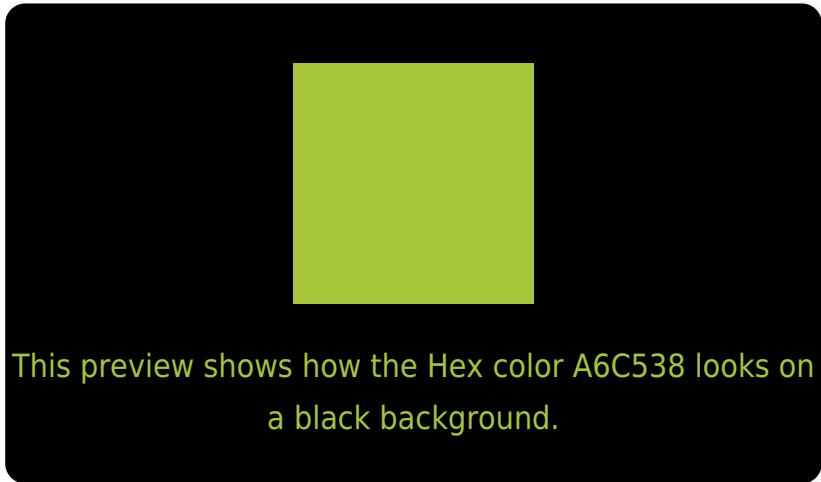
Large Text (above 18pt) WCAG AA × Fail

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 A6C538 Background



This preview shows how black text looks on a background with the Hex color A6C538.

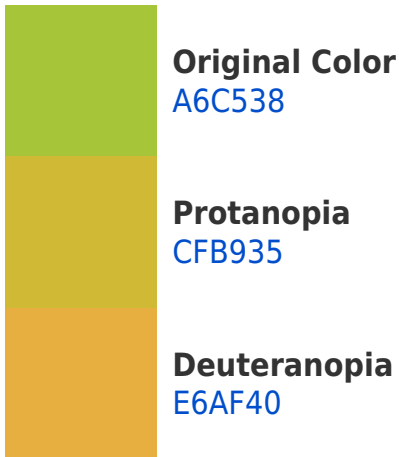


This preview shows how white text looks on a background with the Hex color A6C538.

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
B5B8C6

Trichromacy



Original Color
A6C538

Protanomaly
C0BD36

Deuteranomaly
CFB73D

Tritanomaly
B0BD92

Monochromacy



Original Color
A6C538

Achromatopsia
ACACAC

Achromatomaly
AAB582

CSS Examples

Text

The CSS property to change the color of the text to Hex A6C538 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 #A6C538 looks like.

```
.text, #text, p{  
    color:#A6C538  
}
```

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 #A6C538 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6C538
}
```

Border

The CSS property to change the border of an element to Hex A6C538 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
#A6C538 }
```

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

```
.border{ border-color:#A6C538 }
```

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

Here you see how a box with a 4 pixel #A6C538 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6C538; -webkit-box-shadow:4px 4px  
4px 4px #A6C538; box-shadow:4px 4px 4px  
4px #A6C538 }
```

Background

The CSS property to change the background color of an element to Hex A6C538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6C538 }
```

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

```
.background{ background-color:#A6C538 }
```

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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