

Converting Colors

Hex(A6BF24)

Have a look what the booklet for
Hex(A6BF24) contains.

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Color

Hex(A6BF24)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A6BF24 |
| RGB | 166, 191, 36 |
| RGB Percent | 65%, 75%, 14% |
| CMY | 0.3490, 0.2510, 0.8588 |
| CMYK | 0.13, 0.00, 0.81, 0.25 |
| HSL | 70°, 68%, 45% |
| HSV | 70°, 81%, 75% |
| XYZ | 34.6751, 45.4960, 8.6231 |
| YIQ | 165.8550, 34.8550, -53.5050 |

Conversions

Conversions Part 2

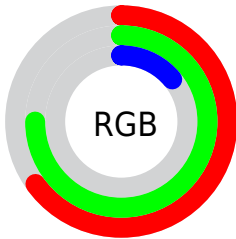
| Format | Color |
|-------------------------------------|---|
| RYB | 36, 191, 61 |
| Decimal | 10927908 |
| CIELab | 73.22, -27.29, 67.94 |
| CIELCh | 73, 73.211, 111.884 |
| Yxy | 45.4960, 0.3905, 0.5124 |
| Android (android.graphics.Color) | 4289117988 (0xFFA6BF24) |
| YUV | 165.8550, -64.0185, 0.1272 |
| Hunter-Lab | 67.4507, -26.2753, 39.6357 |

Details

The Hex color **A6BF24** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **3D24BF**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **E0F760**, and **6E8A00** is the 20% darker color. If you saturate the color by 10%, you get **A3BF11**, and if you desaturate by 10%, it is **A9BF37**.

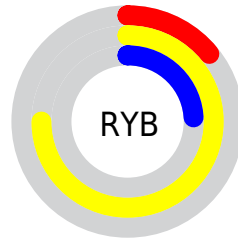
Distribution



Red (65%)

Green (75%)

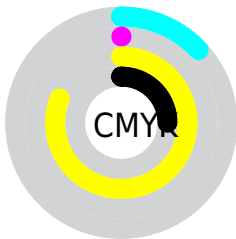
Blue (14%)



Red (14%)

Yellow (75%)

Blue (24%)

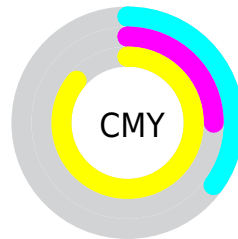


Cyan (13%)

Magenta (0%)

Yellow (81%)

Black (25%)



Cyan (35%)

Magenta (25%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6BF24 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 A6BF24 by changing the saturation by 10% instead.

 A6BF24

 A6BF24

FFFFFF

 8AA400

 E0F760

 6E8A00

 FEFF7C

 527000

 FFFF98

 375800

 FFFFB5

 1B4000

 FFFF D2

 002A00

 FFFF EF

 001300

 000000

 A6BF24

 A6BF24

 A3BF11

 A9BF37

 A0BF00

 ACBF4A

 AFBF5D

 B2BF70

 B5BF84

 B8BF97

 BCBFAA

 BFBFBD

 C2BFD0

Harmonies

Analogous

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



E5AA1B



A6BF24



4DCC5C

Triad

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



A6BF24



00CEFF



FF74C9

Complementary

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



A6BF24



3D24BF

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.



F38CFF



A6BF24



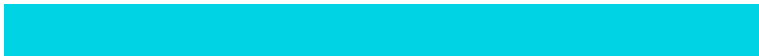
00C1FF

Square

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



A6BF24



00D3E4



91AAFF



FF7686

Rectangle

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



A6BF24



00D188



91AAFF



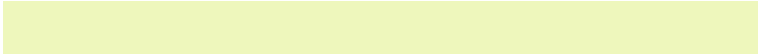
FF7ADF

Sweetspot

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



A6BF24



EEF7BC



BF3B24



777D59



FCFCFC



7D7D7D

Same Dimension

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



A6BF24



D1F707



5ABF24



5D5E55



859E00



1A1F00

Inverse Universe

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



3D24BF



2E07F7



8924BF



56555E



1A009E



05001F

Previews

White Background



This preview shows how the Hex color A6BF24 looks on a white background.

Color Contrast Check

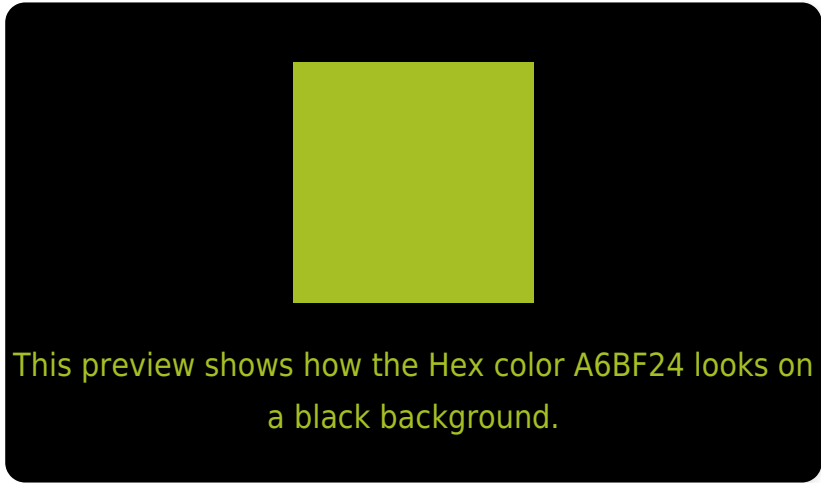
Large Text (above 18pt) WCAG AA × Fail

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 A6BF24 Background



This preview shows how black text looks on a background with the Hex color A6BF24.

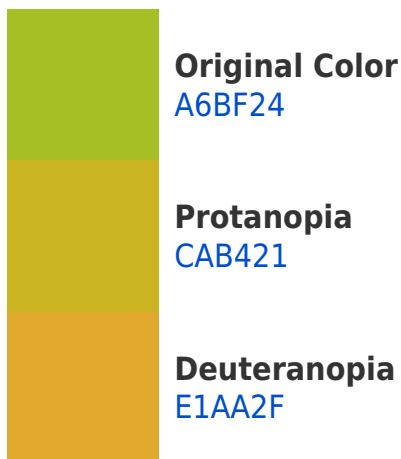


This preview shows how white text looks on a background with the Hex color A6BF24.

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](#).

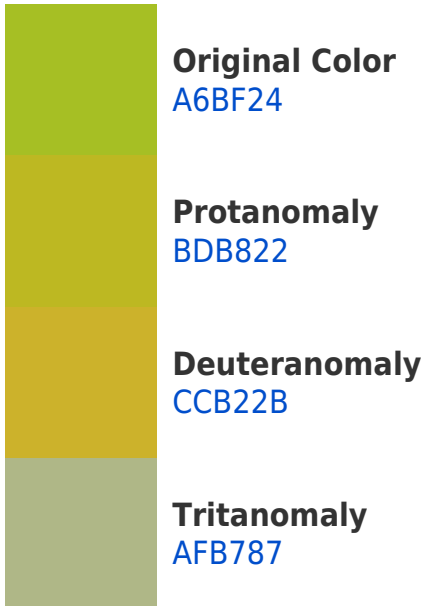
Dichromacy



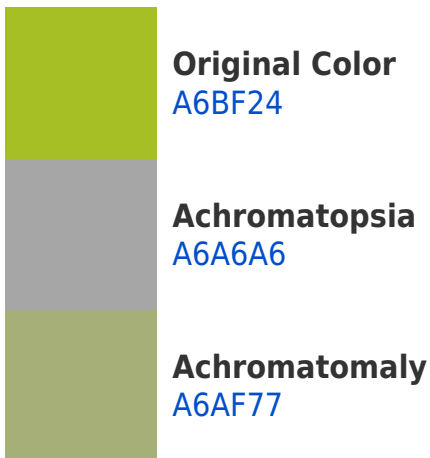


Tritanopia
B4B2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A6BF24 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 #A6BF24 looks like.

```
.text, #text, p{  
    color:#A6BF24  
}
```

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 #A6BF24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6BF24
}
```

Border

The CSS property to change the border of an element to Hex A6BF24 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
#A6BF24 }
```

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

```
.border{ border-color:#A6BF24 }
```

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

Here you see how a box with a 4 pixel #A6BF24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6BF24; -webkit-box-shadow:4px 4px  
4px 4px #A6BF24; box-shadow:4px 4px 4px  
4px #A6BF24 }
```

Background

The CSS property to change the background color of an element to Hex A6BF24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6BF24 }
```

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

```
.background{ background-color:#A6BF24 }
```

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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