

Converting Colors

Hex(84AE24)

Have a look what the booklet for
Hex(84AE24) contains.

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Color

Hex(84AE24)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 84AE24 |
| RGB | 132, 174, 36 |
| RGB Percent | 52%, 68%, 14% |
| CMY | 0.4824, 0.3176, 0.8588 |
| CMYK | 0.24, 0.00, 0.79, 0.32 |
| HSL | 78°, 66%, 41% |
| HSV | 78°, 79%, 68% |
| XYZ | 24.9702, 35.3050, 7.1675 |
| YIQ | 145.7100, 19.2660, -51.8220 |

Conversions

Conversions Part 2

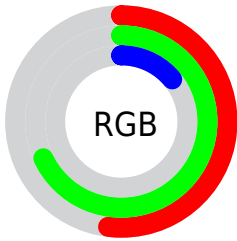
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 36, 174, 78 |
| Decimal | 8695332 |
| CIELab | 65.99, -33.15, 60.60 |
| CIELCh | 66, 69.076, 118.683 |
| Yxy | 35.3050, 0.3702, 0.5235 |
| Android (android.graphics.Color) | 4286885412 (0xFF84AE24) |
| YUV | 145.7100, -54.0870, -12.0237 |
| Hunter-Lab | 59.4180, -28.9676, 34.4405 |

Details

The Hex color **84AE24** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4E24AE**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **BDE65D**, and **4D7900** is the 20% darker color. If you saturate the color by 10%, you get **7FAE13**, and if you desaturate by 10%, it is **89AE35**.

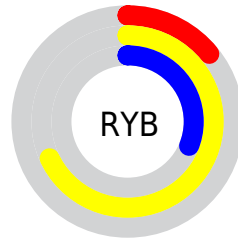
Distribution



Red (52%)

Green (68%)

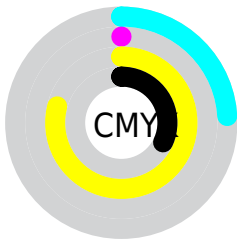
Blue (14%)



Red (14%)

Yellow (68%)

Blue (31%)

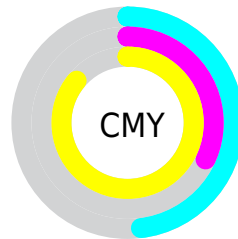


Cyan (24%)

Magenta (0%)

Yellow (79%)

Black (32%)



Cyan (48%)

Magenta (32%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84AE24 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 84AE24 by changing the saturation by 10% instead.



84AE24



84AE24

FFFFFF



689300



BDE65D



4D7900



DAFF78



336000



F7FF94



134800



FFFFB0



003100



FFFBCD



001D00



FFFFEA



000000



84AE24



84AE24



7FAE13



89AE35

 79AE01

 8FAE47

 79AE00

 94AE58

 99AE6A

 9EAE7B

 A4AE8C

 A9AE9E

 AEAEAF

 B4AEC1

Harmonies

Analogous

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



C19D04



84AE24



13B85C

Triad

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



84AE24



00B7FF



FF62A6

Complementary

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



84AE24



4E24AE

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.



E875E2



84AE24



00A8FF

Square

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



84AE24



00BDDA



9A91FF



FF6B69

Rectangle

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



84AE24



00BC86



9A91FF



FF66BB

Sweetspot

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



84AE24



D2E3AC



AE4D24



697351



F2F2F2



737373

Same Dimension

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



84AE24



A1E30B



40AE24



54574E



699600



101700

Inverse Universe

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



4E24AE



4D0BE3



9224AE



514E57



2E0096



070017

Previews

White Background



This preview shows how the Hex color 84AE24 looks on a white background.

Color Contrast Check

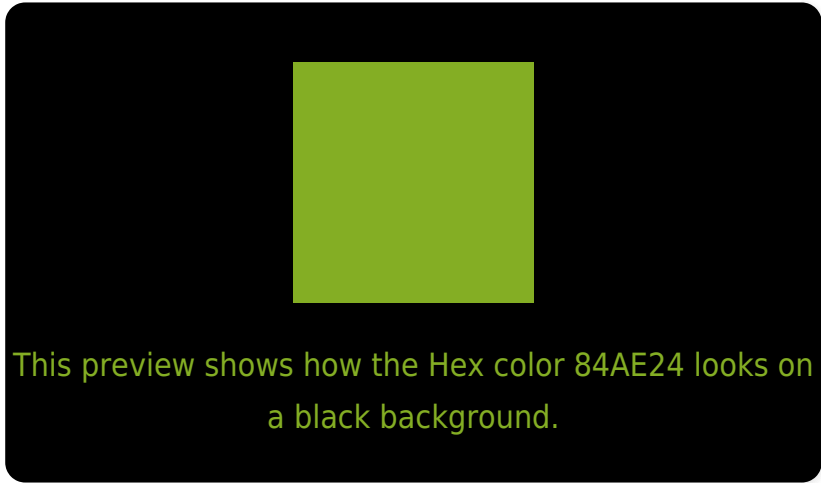
Large Text (above 18pt) WCAG AA × Fail

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 84AE24 Background



This preview shows how black text looks on a background with the Hex color 84AE24.

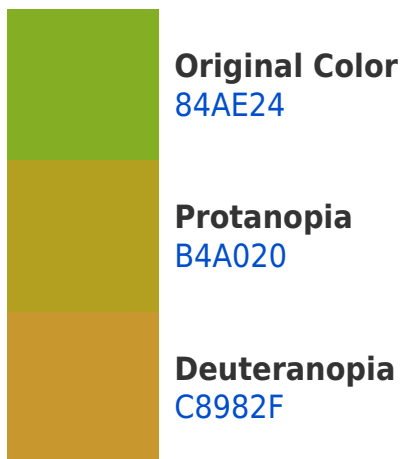


This preview shows how white text looks on a background with the Hex color 84AE24.

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](#).

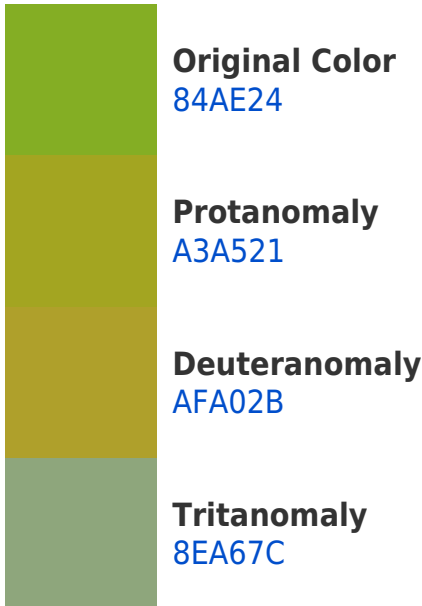
Dichromacy





Tritanopia
93A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84AE24 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 #84AE24 looks like.

```
.text, #text, p{  
    color:#84AE24  
}
```

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 #84AE24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84AE24
}
```

Border

The CSS property to change the border of an element to Hex 84AE24 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
#84AE24 }
```

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

```
.border{ border-color:#84AE24 }
```

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

Here you see how a box with a 4 pixel #84AE24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84AE24; -webkit-box-shadow:4px 4px  
4px 4px #84AE24; box-shadow:4px 4px 4px  
4px #84AE24 }
```

Background

The CSS property to change the background color of an element to Hex 84AE24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84AE24 }
```

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

```
.background{ background-color:#84AE24 }
```

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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