

Converting Colors

Hex(6CAE23)

Have a look what the booklet for
Hex(6CAE23) contains.

Hex(6CAE23)	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(6CAE23)

Conversions

Conversions Part 1

Format	Color
Hex	6CAE23
RGB	108, 174, 35
RGB Percent	42%, 68%, 14%
CMY	0.5765, 0.3176, 0.8627
CMYK	0.38, 0.00, 0.80, 0.32
HSL	88°, 67%, 41%
HSV	88°, 80%, 68%
XYZ	21.6238, 33.5816, 6.9323
YIQ	138.4200, 5.2830, -57.2210

Conversions

Conversions Part 2

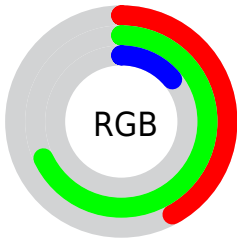
Format	Color
RYB	35, 174, 101
Decimal	7122467
CIELab	64.63, -42.30, 59.15
CIELCh	65, 72.725, 125.570
Yxy	33.5816, 0.3480, 0.5404
Android (android.graphics.Color)	4285312547 (0xFF6CAE23)
YUV	138.4200, -50.9861, -26.6783
Hunter-Lab	57.9496, -34.8050, 33.4721

Details

The Hex color **6CAE23** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6523AE**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **A4E65C**, and **337900** is the 20% darker color. If you saturate the color by 10%, you get **64AE12**, and if you desaturate by 10%, it is **74AE34**.

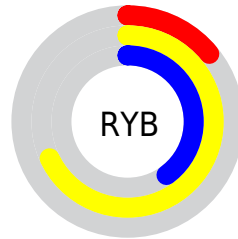
Distribution



Red (42%)

Green (68%)

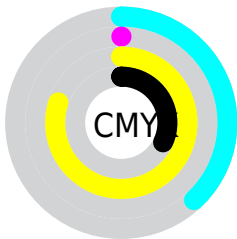
Blue (14%)



Red (14%)

Yellow (68%)

Blue (40%)

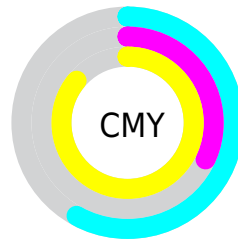


Cyan (38%)

Magenta (0%)

Yellow (80%)

Black (32%)



Cyan (58%)

Magenta (32%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CAE23 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 6CAE23 by changing the saturation by 10% instead.

 6CAE23

 6CAE23

FFFFFF

 509300

 A4E65C

 337900

 C1FF77

 126000

 DEFF93

 004700

 FCFFAF

 003000

 FFFFCE

 001900

 FFFFEE

 000000

 6CAE23

 6CAE23

 64AE12

 74AE34

 5BAE00

 7DAE46

 85AE57

 8DAE69

 95AE7A

 9EAE8B

 A6AE9D

 AEAEAE

 B6AEC0

Harmonies

Analogous

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



B09E00



6CAE23



00B764

Triad

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



6CAE23



00B2FF



FF5893

Complementary

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



6CAE23



6523AE

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.



F467D4



6CAE23



00A1FF

Square

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



6CAE23



00B9E7



AD86FF



FF6855

Rectangle

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



6CAE23



00BA91



AD86FF



FF59A9

Sweetspot

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



6CAE23



C9E3AC



AE6423



637351



F2F2F2



737373

Same Dimension

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



6CAE23



7BE309



28AE23



53574E



4F9600



0C1700

Inverse Universe

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



6523AE



7109E3



A923AE



524E57



470096



0B0017

Previews

White Background



This preview shows how the Hex color 6CAE23 looks on a white background.

Color Contrast Check

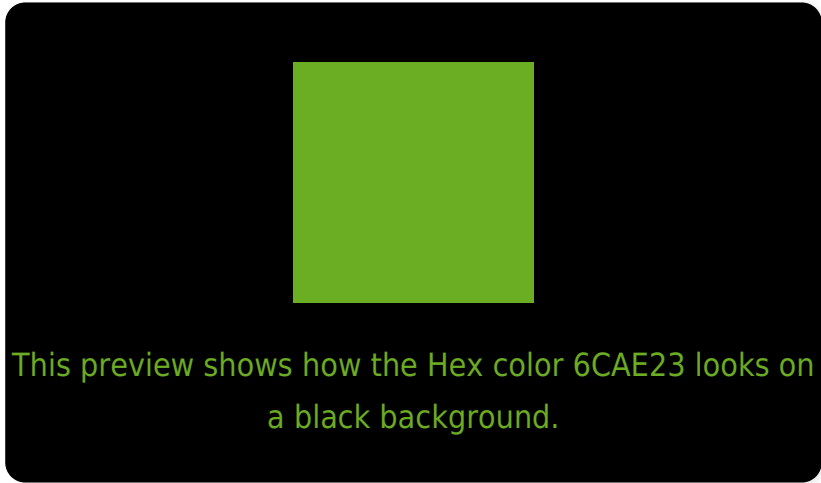
Large Text (above 18pt) WCAG AA × Fail

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 6CAE23 Background



This preview shows how black text looks on a background with the Hex color 6CAE23.



This preview shows how white text looks on a background with the Hex color 6CAE23.

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
6CAE23

Protanopia
B09C1E

Deuteranopia
C39430



Tritanopia
7EA2AF

Trichromacy



Original Color
6CAE23



Protanomaly
97A320



Deuteranomaly
A39D2B



Tritanomaly
77A67C

Monochromacy



Original Color
6CAE23



Achromatopsia
8A8A8A



Achromatomaly
7F9765

CSS Examples

Text

The CSS property to change the color of the text to Hex 6CAE23 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 #6CAE23 looks like.

```
.text, #text, p{  
    color:#6CAE23  
}
```

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 #6CAE23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CAE23
}
```

Border

The CSS property to change the border of an element to Hex 6CAE23 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
#6CAE23 }
```

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

```
.border{ border-color:#6CAE23 }
```

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

Here you see how a box with a 4 pixel #6CAE23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CAE23; -webkit-box-shadow:4px 4px  
4px 4px #6CAE23; box-shadow:4px 4px 4px  
4px #6CAE23 }
```

Background

The CSS property to change the background color of an element to Hex 6CAE23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CAE23 }
```

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

```
.background{ background-color:#6CAE23 }
```

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