

Converting Colors

Hex(6DB444)

Have a look what the booklet for
Hex(6DB444) contains.

Hex(6DB444)	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(6DB444)

Conversions

Conversions Part 1

Format	Color
Hex	6DB444
RGB	109, 180, 68
RGB Percent	43%, 71%, 27%
CMY	0.5725, 0.2941, 0.7333
CMYK	0.39, 0.00, 0.62, 0.29
HSL	98°, 45%, 49%
HSV	98°, 62%, 71%
XYZ	23.6713, 36.3111, 11.2300
YIQ	146.0030, -6.3640, -49.8840

Conversions

Conversions Part 2

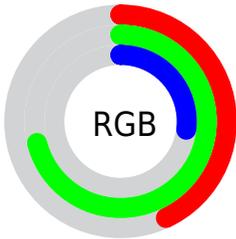
Format	Color
RYB	68, 180, 139
Decimal	7189572
CIELab	66.76, -42.13, 48.89
CIELCh	67, 64.540, 130.752
Yxy	36.3111, 0.3324, 0.5099
Android (android.graphics.Color)	4285379652 (0xFF6DB444)
YUV	146.0030, -38.4555, -32.4516
Hunter-Lab	60.2587, -35.3328, 31.1316

Details

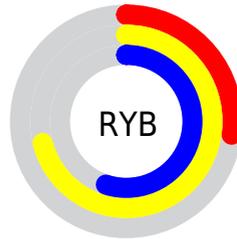
The Hex color **6DB444** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8B44B4**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **A5EC78**, and **357F09** is the 20% darker color. If you saturate the color by 10%, you get **62B432**, and if you desaturate by 10%, it is **78B456**.

Distribution



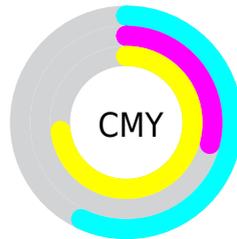
- Red (43%)
- Green (71%)
- Blue (27%)



- Red (27%)
- Yellow (71%)
- Blue (55%)



- Cyan (39%)
- Magenta (0%)
- Yellow (62%)
- Black (29%)



- Cyan (57%)
- Magenta (29%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DB444 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 6DB444 by changing the saturation by 10% instead.

 6DB444

 6DB444

FFFFFF

 51992A

 A5EC78

 357F09

 C1FF93

 146500

 DEFFAF

 004C00

 FCFFCB

 003500

 FFFFEB

 001F00

 000000

 6DB444

 6DB444

 62B432

 78B456

 56B420

 84B468

 4BB40E

 8FB47A

 42B400

 9BB48C

 A6B49E

 B1B4B0

 BDB4C2

 C8B4D4

 D4B4E6

Harmonies

Analogous

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



ADA621



6DB444



00BC7A

Triad

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



6DB444



00B3FF



FF6B90

Complementary

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



6DB444



8B44B4

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.



F872CA



6DB444



52A2FF

Square

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



6DB444



00BCED



C08AFB



FF7A59

Rectangle

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



6DB444



00BEA2



C08AFB



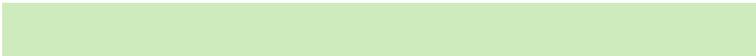
FF6BA3

Sweetspot

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



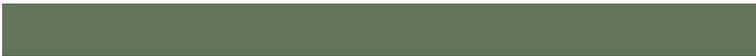
6DB444



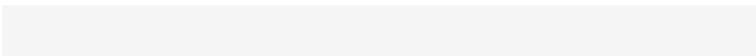
CEEBBE



B48B44



64755A



F5F5F5



757575

Same Dimension

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



6DB444



7BEB3B



44B453



545950



389900



091A00

Inverse Universe

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



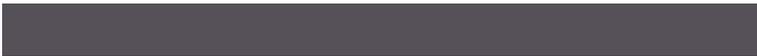
8B44B4



AA3BEB



B444A5



565059



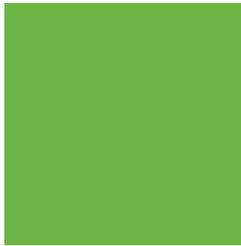
610099



10001A

Previews

White Background



This preview shows how the Hex color 6DB444 looks on a white background.

Color Contrast Check

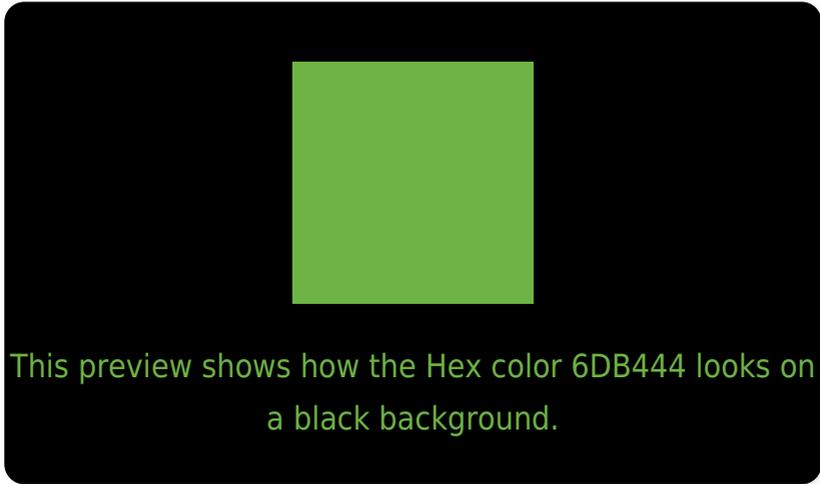
Large Text (above 18pt) WCAG AA × Fail

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

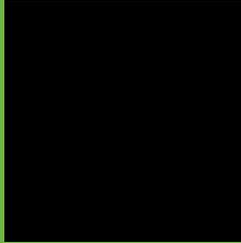
Any Text WCAG AA ✓ Pass

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 6DB444 Background



This preview shows how black text looks on a background with the Hex color 6DB444.



This preview shows how white text looks on a background with the Hex color 6DB444.

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](#).

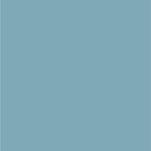
Dichromacy



Original Color
6DB444

Protanopia
B4A23F

Deuteranopia
C79A4C



Tritanopia
7FA9B6

Trichromacy



Original Color
6DB444



Protanomaly
9AA941



Deuteranomaly
A6A349



Tritanomaly
78AD8D

Monochromacy



Original Color
6DB444



Achromatopsia
929292



Achromatomaly
859E76

CSS Examples

Text

The CSS property to change the color of the text to Hex 6DB444 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 #6DB444 looks like.

```
.text, #text, p{  
    color:#6DB444  
}
```

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 #6DB444 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DB444
}
```

Border

The CSS property to change the border of an element to Hex 6DB444 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
#6DB444 }
```

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

```
.border{ border-color:#6DB444 }
```

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

Here you see how a box with a 4 pixel #6DB444 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DB444; -webkit-box-shadow:4px 4px  
4px 4px #6DB444; box-shadow:4px 4px 4px  
4px #6DB444 }
```

Background

The CSS property to change the background color of an element to Hex 6DB444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DB444 }
```

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

```
.background{ background-color:#6DB444 }
```

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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