

Converting Colors

Hex(6DB212)

Have a look what the booklet for
Hex(6DB212) contains.

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Color

Hex(6DB212)

Conversions

Conversions Part 1

Format	Color
Hex	6DB212
RGB	109, 178, 18
RGB Percent	43%, 70%, 7%
CMY	0.5725, 0.3020, 0.9294
CMYK	0.39, 0.00, 0.90, 0.30
HSL	86°, 82%, 38%
HSV	86°, 90%, 70%
XYZ	22.3363, 35.1357, 6.1769
YIQ	139.1290, 10.2360, -64.3880

Conversions

Conversions Part 2

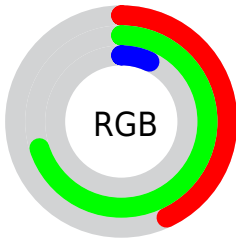
Format	Color
RYB	18, 178, 87
Decimal	7189010
CIELab	65.85, -44.27, 64.28
CIELCh	66, 78.049, 124.555
Yxy	35.1357, 0.3509, 0.5520
Android (android.graphics.Color)	4285379090 (0xFF6DB212)
YUV	139.1290, -59.7166, -26.4231
Hunter-Lab	59.2754, -36.4692, 35.3143

Details

The Hex color **6DB212** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5712B2**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **A6EA53**, and **337D00** is the 20% darker color. If you saturate the color by 10%, you get **65B200**, and if you desaturate by 10%, it is **75B224**.

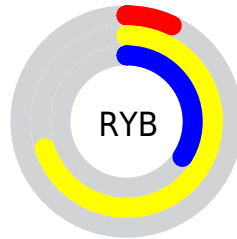
Distribution



Red (43%)

Green (70%)

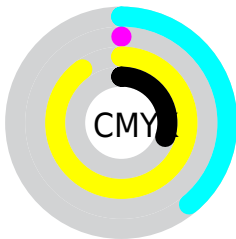
Blue (7%)



Red (7%)

Yellow (70%)

Blue (34%)

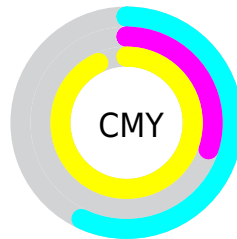


Cyan (39%)

Magenta (0%)

Yellow (90%)

Black (30%)



Cyan (57%)

Magenta (30%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DB212 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 6DB212 by changing the saturation by 10% instead.



6DB212



6DB212

FFFFFF



509700



A6EA53



337D00



C3FF6F



0F6300



E1FF8B



004B00



FEFFA7



003300



FFFFC3



001D00



FFFFE0



000000

FFFFFFE



6DB212



6DB212

 65B200

 75B224

 7CB236

 84B247

 8CB259

 93B26B

 9BB27D

 A3B28F

 AAB2A0

 B2B2B2

Harmonies

Analogous

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



B6A000



6DB212



00BC60

Triad

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



6DB212



00B7FF



FF5298

Complementary

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



6DB212



5712B2

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.



FB65DE



6DB212



00A5FF

Square

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



6DB212



00BFEE



AC88FF



FF6555

Rectangle

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



6DB212



00BF91



AC88FF



FF54B0

Sweetspot

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



6DB212



CDE8A9



B25512



657550



F5F5F5



757575

Same Dimension

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



6DB212



84E800



1FB212



555950



579900



0F1A00

Inverse Universe

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



5712B2



6400E8



A512B2



545059



420099



0B001A

Previews

White Background



This preview shows how the Hex color 6DB212 looks on a white background.

Color Contrast Check

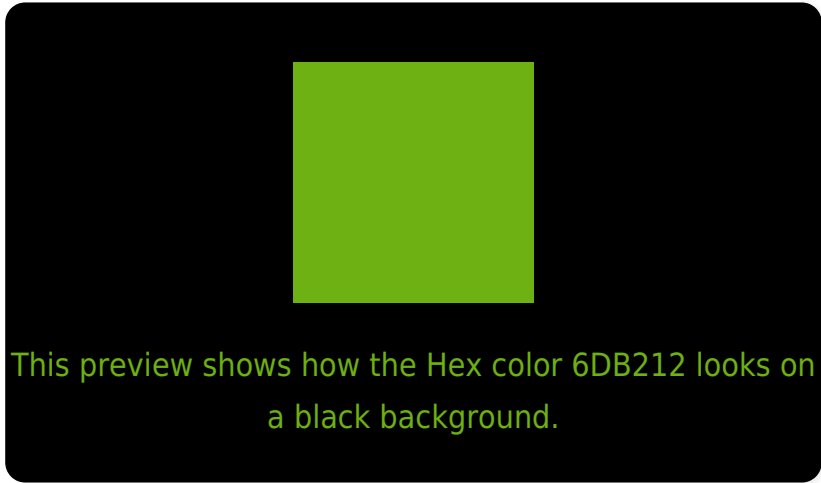
Large Text (above 18pt) WCAG AA × Fail

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 6DB212 Background



This preview shows how black text looks on a background with the Hex color 6DB212.



This preview shows how white text looks on a background with the Hex color 6DB212.

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
6DB212

Protanopia
B4A009

Deuteranopia
C89727



Tritanopia
81A6B3

Trichromacy



Original Color
6DB212



Protanomaly
9AA70C



Deuteranomaly
A7A11F



Tritanomaly
7AAA78

Monochromacy



Original Color
6DB212



Achromatopsia
8B8B8B



Achromatomaly
80995F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6DB212 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 #6DB212 looks like.

```
.text, #text, p{  
    color:#6DB212  
}
```

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 #6DB212 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DB212
}
```

Border

The CSS property to change the border of an element to Hex 6DB212 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
#6DB212 }
```

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

```
.border{ border-color:#6DB212 }
```

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

Here you see how a box with a 4 pixel #6DB212 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DB212; -webkit-box-shadow:4px 4px  
4px 4px #6DB212; box-shadow:4px 4px 4px  
4px #6DB212 }
```

Background

The CSS property to change the background color of an element to Hex 6DB212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DB212 }
```

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

```
.background{ background-color:#6DB212 }
```

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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