

Converting Colors

Hex(6DA101)

Have a look what the booklet for
Hex(6DA101) contains.

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Color

Hex(6DA101)

Conversions

Conversions Part 1

Format	Color
Hex	6DA101
RGB	109, 161, 1
RGB Percent	43%, 63%, 0%
CMY	0.5725, 0.3686, 0.9961
CMYK	0.32, 0.00, 0.99, 0.37
HSL	80°, 99%, 32%
HSV	80°, 99%, 63%
XYZ	19.0570, 28.7431, 4.5723
YIQ	127.2120, 20.3680, -60.7840

Conversions

Conversions Part 2

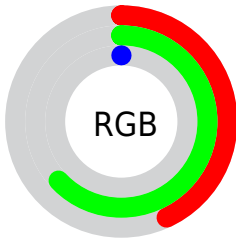
Format	Color
RYB	1, 161, 53
Decimal	7184641
CIELab	60.55, -37.33, 62.47
CIElCh	61, 72.777, 120.859
Yxy	28.7431, 0.3639, 0.5488
Android (android.graphics.Color)	4285374721 (0xFF6DA101)
YUV	127.2120, -62.2225, -15.9719
Hunter-Lab	53.6126, -30.3729, 32.4724

Details

The Hex color **6DA101** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **3501A1**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **A5D849**, and **356D00** is the 20% darker color. If you saturate the color by 10%, you get **6DA100**, and if you desaturate by 10%, it is **72A111**.

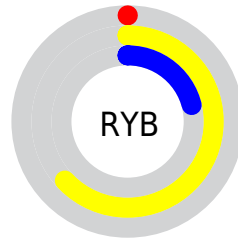
Distribution



Red (43%)

Green (63%)

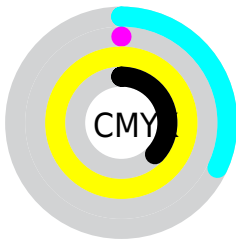
Blue (0%)



Red (0%)

Yellow (63%)

Blue (21%)

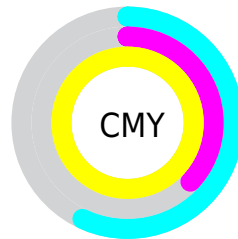


Cyan (32%)

Magenta (0%)

Yellow (99%)

Black (37%)



Cyan (57%)

Magenta (37%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Hex color 6DA101 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 6DA101 by changing the saturation by 10% instead.

 6DA101

 6DA101

FFFFFF

 518700

 A5D849

 356D00

 C2F565

 165400

 DFFF81

 003C00

 FDFF9C

 002700

 FFFFB9

 000400

 FFFFD5

 000000

 FFFFF3

 6DA101

 6DA101

■ 6DA100

■ 72A111

■ 77A121

■ 7DA131

■ 82A141

■ 87A151

■ 8CA162

■ 92A172

■ 97A182

■ 9CA192

Harmonies

Analogous

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



AE9000



6DA101



00AB4F

Triad

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



6DA101



00A8FF



FF4B93

Complementary

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



6DA101



3501A1

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.



DF60D2



6DA101



0099FF

Square

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



6DA101



00AED2



9080FF



FE5854

Rectangle

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



6DA101



00AE7C



9080FF



FA4FA9

Sweetspot

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



6DA101



BDD192



A13401



5C6943



E8E8E8



696969

Same Dimension

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



6DA101



8DD100



1EA101



4F5249



629100



0C1200

Inverse Universe

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



3501A1



4400D1



8401A1



4C4952



2F0091



060012

Previews

White Background



This preview shows how the Hex color 6DA101 looks on a white background.

Color Contrast Check

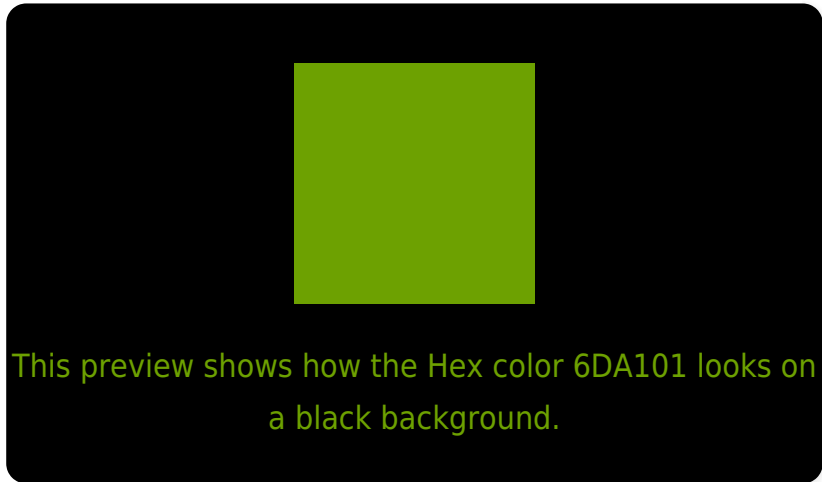
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6DA101 Background



This preview shows how black text looks on a background with the Hex color 6DA101.



This preview shows how white text looks on a background with the Hex color 6DA101.

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
6DA101

Protanopia
A49200

Deuteranopia
B78A1F



Tritanopia
7D96A2

Trichromacy



Original Color
6DA101



Protanomaly
909700



Deuteranomaly
9C9214



Tritanomaly
779A67

Monochromacy



Original Color
6DA101



Achromatopsia
7F7F7F



Achromatomaly
788B51

CSS Examples

Text

The CSS property to change the color of the text to Hex 6DA101 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 #6DA101 looks like.

```
.text, #text, p{  
    color:#6DA101  
}
```

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 #6DA101 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DA101
}
```

Border

The CSS property to change the border of an element to Hex 6DA101 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
#6DA101 }
```

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

```
.border{ border-color:#6DA101 }
```

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

Here you see how a box with a 4 pixel #6DA101 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DA101; -webkit-box-shadow:4px 4px  
4px 4px #6DA101; box-shadow:4px 4px 4px  
4px #6DA101 }
```

Background

The CSS property to change the background color of an element to Hex 6DA101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DA101 }
```

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

```
.background{ background-color:#6DA101 }
```

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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