

Converting Colors

Hex(6DD328)

Have a look what the booklet for
Hex(6DD328) contains.

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Color

Hex(6DD328)

Conversions

Conversions Part 1

Format	Color
Hex	6DD328
RGB	109, 211, 40
RGB Percent	43%, 83%, 16%
CMY	0.5725, 0.1725, 0.8431
CMYK	0.48, 0.00, 0.81, 0.17
HSL	96°, 68%, 49%
HSV	96°, 81%, 83%
XYZ	29.9839, 49.9929, 10.0768
YIQ	161.0080, -5.9010, -74.8050

Conversions

Conversions Part 2

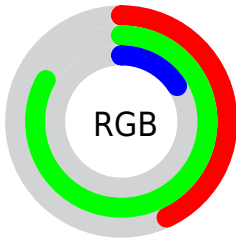
Format	Color
RYB	40, 211, 142
Decimal	7197480
CIELab	76.06, -56.46, 68.27
CIELCh	76, 88.589, 129.592
Yxy	49.9929, 0.3330, 0.5551
Android (android.graphics.Color)	4285387560 (0xFF6DD328)
YUV	161.0080, -59.6569, -45.6110
Hunter-Lab	70.7057, -48.0390, 41.0441

Details

The Hex color **6DD328** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **8E28D3**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **A9FF65**, and **2B9B00** is the 20% darker color. If you saturate the color by 10%, you get **60D313**, and if you desaturate by 10%, it is **7AD33D**.

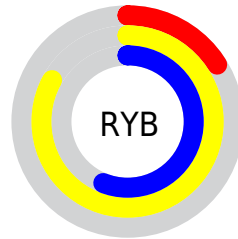
Distribution



Red (43%)

Green (83%)

Blue (16%)



Red (16%)

Yellow (83%)

Blue (56%)

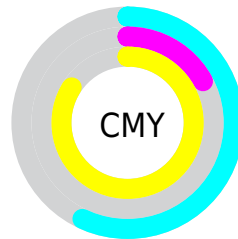


Cyan (48%)

Magenta (0%)

Yellow (81%)

Black (17%)



Cyan (57%)

Magenta (17%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DD328 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 6DD328 by changing the saturation by 10% instead.



6DD328



6DD328

FFFFFF



4EB700



A9FF65



2B9B00



C6FF81



008100



E4FF9D



006700



FFFFBA



004D00



FFFFD7



003600



FFFFF5



001D00



000000



6DD328



6DD328

 60D313

 7AD33D

 55D300

 86D352

 93D367

 9FD37C

 ACD392

 B9D3A7

 C5D3BC

 D2D3D1

 DED3E6

Harmonies

Analogous

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



C9C000



6DD328



00DD7F

Triad

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



6DD328



00D4FF



FF61A5

Complementary

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



6DD328



8E28D3

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.



FF70F6



6DD328



00BDFE

Square

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



6DD328



00DEFF



DE99FF



FF7C57

Rectangle

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



6DD328



00E0B8



DE99FF



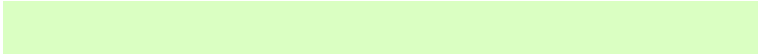
FF60C0

Sweetspot

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



6DD328



DAFFC2



D38C28



69805B



000000



808080

Same Dimension

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



6DD328



6BFF08



28D336



62695E



44A800



102900

Inverse Universe

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



8E28D3



9B08FF



D328C5



645E69



6400A8



180029

Previews

White Background



This preview shows how the Hex color 6DD328 looks on a white background.

Color Contrast Check

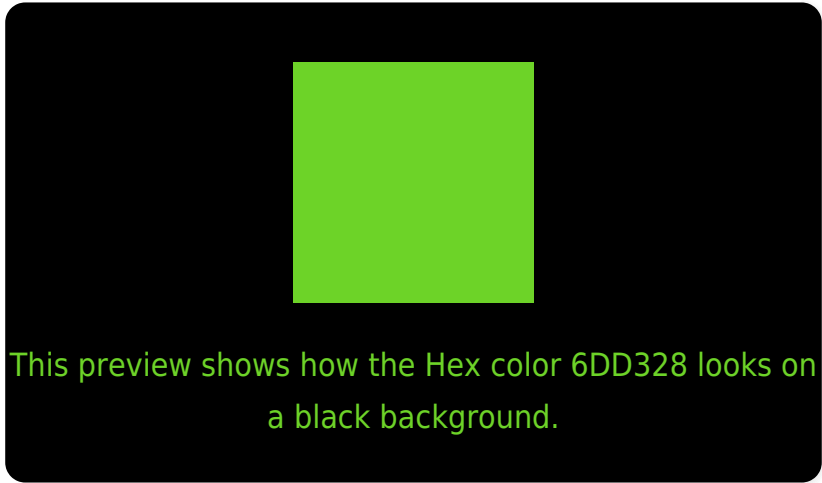
Large Text (above 18pt) WCAG AA × Fail

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

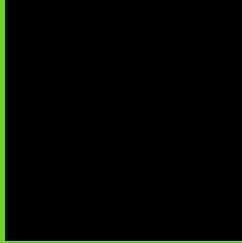
Any Text WCAG AA ✓ Pass

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 6DD328 Background



This preview shows how black text looks on a background with the Hex color 6DD328.

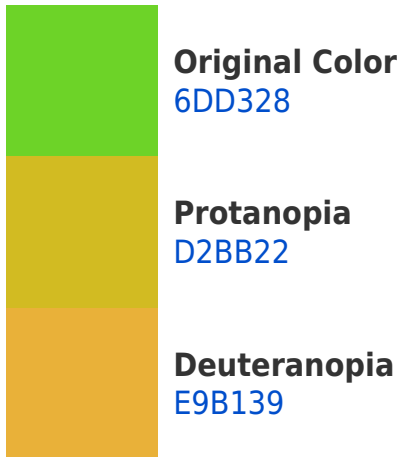


This preview shows how white text looks on a background with the Hex color 6DD328.

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
88C4D4

Trichromacy



Original Color
6DD328



Protanomaly
ADC424



Deuteranomaly
BCBD33



Tritanomaly
7EC995

Monochromacy



Original Color
6DD328



Achromatopsia
A1A1A1



Achromatomaly
8EB375

CSS Examples

Text

The CSS property to change the color of the text to Hex 6DD328 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 #6DD328 looks like.

```
.text, #text, p{  
    color:#6DD328  
}
```

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 #6DD328 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DD328
}
```

Border

The CSS property to change the border of an element to Hex 6DD328 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
#6DD328 }
```

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

```
.border{ border-color:#6DD328 }
```

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

Here you see how a box with a 4 pixel #6DD328 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DD328; -webkit-box-shadow:4px 4px  
4px 4px #6DD328; box-shadow:4px 4px 4px  
4px #6DD328 }
```

Background

The CSS property to change the background color of an element to Hex 6DD328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DD328 }
```

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

```
.background{ background-color:#6DD328 }
```

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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