

Converting Colors

Hex(4DC52B)

Have a look what the booklet for
Hex(4DC52B) contains.

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Color

Hex(4DC52B)

Conversions

Conversions Part 1

Format	Color
Hex	4DC52B
RGB	77, 197, 43
RGB Percent	30%, 77%, 17%
CMY	0.6980, 0.2275, 0.8314
CMYK	0.61, 0.00, 0.78, 0.23
HSL	107°, 64%, 47%
HSV	107°, 78%, 77%
XYZ	23.4629, 41.6847, 9.0948
YIQ	143.5640, -22.0860, -73.3340

Conversions

Conversions Part 2

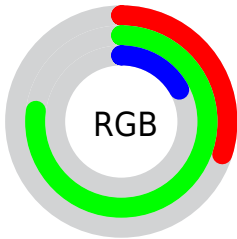
Format	Color
RYB	43, 197, 163
Decimal	5096747
CIELab	70.65, -59.85, 61.98
CIElCh	71, 86.157, 134.001
Yxy	41.6847, 0.3160, 0.5615
Android (android.graphics.Color)	4283286827 (0xFF4DC52B)
YUV	143.5640, -49.5781, -58.3766
Hunter-Lab	64.5637, -48.1184, 36.8426

Details

The Hex color **4DC52B** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **A32BC5**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **8BFF65**, and **008E00** is the 20% darker color. If you saturate the color by 10%, you get **3EC517**, and if you desaturate by 10%, it is **5CC53F**.

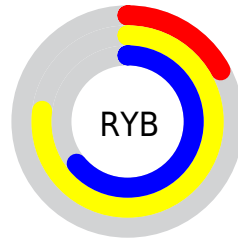
Distribution



Red (30%)

Green (77%)

Blue (17%)



Red (17%)

Yellow (77%)

Blue (64%)

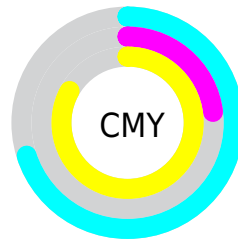


Cyan (61%)

Magenta (0%)

Yellow (78%)

Black (23%)



Cyan (70%)

Magenta (23%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DC52B 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 4DC52B by changing the saturation by 10% instead.

 4DC52B

 4DC52B

FFFFFF

 28A900

 8BFF65

 008E00

 A9FF80

 007300

 C7FF9C

 005A00

 E5FFB9

 004100

 FFFFD5

 002A00

 FFFFF3

 000400

 000000

 4DC52B

 4DC52B

 3EC517

 5CC53F

 2EC504

 6CC552

 2BC500

 7BC566

 8AC57A

 9AC58E

 A9C5A1

 B8C5B5

 C8C5C9

 D7C5DC

Harmonies

Analogous

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



AEB500



4DC52B



00CD7F

Triad

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



4DC52B



00C2FF



FF558C

Complementary

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



4DC52B



A32BC5

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.



FF5EDA



4DC52B



1CAAFF

Square

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



4DC52B



00CDFE



DD85FF



FF7541

Rectangle

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



4DC52B



00D0B6



DD85FF



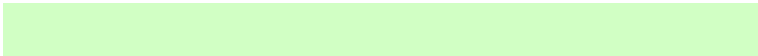
FF52A6

Sweetspot

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



4DC52B



D1FFC4



C5A12B



64805C



000000



808080

Same Dimension

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



4DC52B



44FF0F



2BC554



5C635A



24A300



082400

Inverse Universe

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



A32BC5



CA0FFF



C52B9C



615A63



7F00A3



1C0024

Previews

White Background



This preview shows how the Hex color 4DC52B looks on a white background.

Color Contrast Check

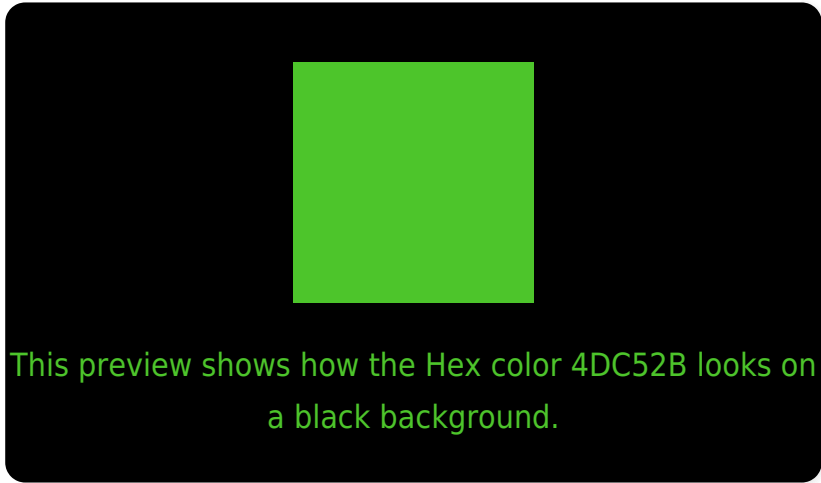
Large Text (above 18pt) WCAG AA × Fail

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

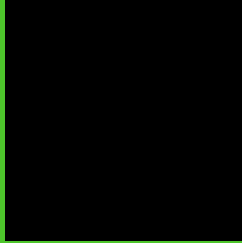
Any Text WCAG AA ✓ Pass

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 4DC52B Background



This preview shows how black text looks on a background with the Hex color 4DC52B.

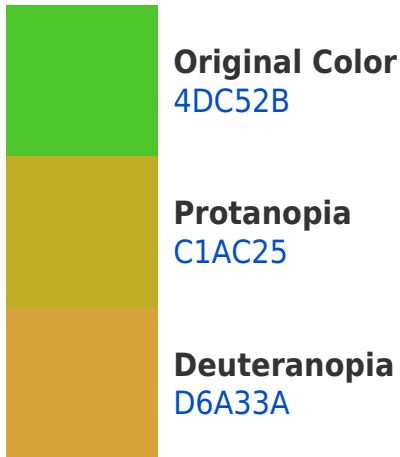


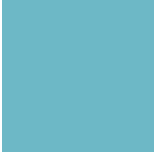
This preview shows how white text looks on a background with the Hex color 4DC52B.

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
6DB8C6

Trichromacy



Original Color
4DC52B



Protanomaly
97B527



Deuteranomaly
A4AF35



Tritanomaly
61BD8E

Monochromacy



Original Color
4DC52B



Achromatopsia
909090



Achromatomaly
78A36B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DC52B 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 #4DC52B looks like.

```
.text, #text, p{  
    color:#4DC52B  
}
```

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 #4DC52B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DC52B
}
```

Border

The CSS property to change the border of an element to Hex 4DC52B 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".

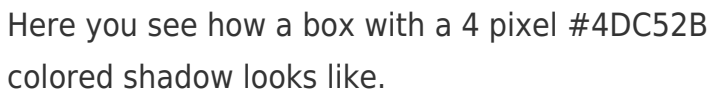
```
.border, #border, table{ border:4px solid
#4DC52B }
```

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

```
.border{ border-color:#4DC52B }
```

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

Here you see how a box with a 4 pixel #4DC52B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DC52B; -webkit-box-shadow:4px 4px  
4px 4px #4DC52B; box-shadow:4px 4px 4px  
4px #4DC52B }
```

Background

The CSS property to change the background color of an element to Hex 4DC52B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DC52B }
```

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

```
.background{ background-color:#4DC52B }
```

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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