

Converting Colors

Hex(72DE34)

Have a look what the booklet for
Hex(72DE34) contains.

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Color

Hex(72DE34)

Conversions

Conversions Part 1

Format	Color
Hex	72DE34
RGB	114, 222, 52
RGB Percent	45%, 87%, 20%
CMY	0.5529, 0.1294, 0.7961
CMYK	0.49, 0.00, 0.77, 0.13
HSL	98°, 72%, 54%
HSV	98°, 77%, 87%
XYZ	33.6805, 56.0679, 12.2959
YIQ	170.3280, -9.7980, -75.7660

Conversions

Conversions Part 2

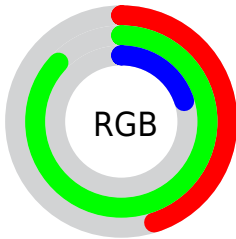
Format	Color
RYB	52, 222, 160
Decimal	7527988
CIELab	79.65, -58.47, 68.25
CIELCh	80, 89.871, 130.590
Yxy	56.0679, 0.3301, 0.5494
Android (android.graphics.Color)	4285718068 (0xFF72DE34)
YUV	170.3280, -58.3357, -49.3997
Hunter-Lab	74.8785, -50.7476, 42.6789

Details

The Hex color **72DE34** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark muted chartreuse. A complement of this color would be **A034DE**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **AEFF6F**, and **30A600** is the 20% darker color. If you saturate the color by 10%, you get **64DE1E**, and if you desaturate by 10%, it is **80DE4A**.

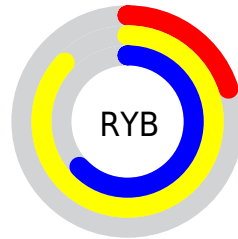
Distribution



Red (45%)

Green (87%)

Blue (20%)



Red (20%)

Yellow (87%)

Blue (63%)

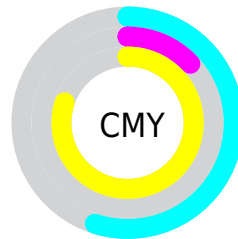


Cyan (49%)

Magenta (0%)

Yellow (77%)

Black (13%)



Cyan (55%)

Magenta (13%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72DE34 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 72DE34 by changing the saturation by 10% instead.

 72DE34

 72DE34

FFFFFF

 53C209

 AEFF6F

 30A600

 CCFF8B

 008B00

 EAFFA8

 007000

 FFFFC4

 005700

 FFFFE2

 003E00

 002700

 000000

 72DE34

 72DE34

 64DE1E

 80DE4A

 56DE08

 8EDE60

 51DE00

 9CDE77

 AADE8D

 B9DEA3

 C7DEB9

 D5DECF

 E3DEE6

 F1DEFC

Harmonies

Analogous

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



D1CB00



72DE34



00E88A

Triad

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



72DE34



00DEFF



FF6BAB

Complementary

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



72DE34



A034DE

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.



FF78FF



72DE34



00C6FF

Square

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



72DE34



00E9FF



EDA1FF



FF875C

Rectangle

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



72DE34



00EBC5



EDA1FF



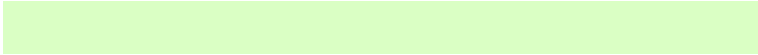
FF6AC7

Sweetspot

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



72DE34



DAFFC4



DEA034



69805C



000000



808080

Same Dimension

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



72DE34



6AFF14



34DE4B



697065



40B000



123000

Inverse Universe

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



A034DE



A914FF



DE34C7



6C6570



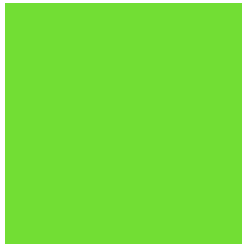
7000B0



1F0030

Previews

White Background



This preview shows how the Hex color 72DE34 looks on a white background.

Color Contrast Check

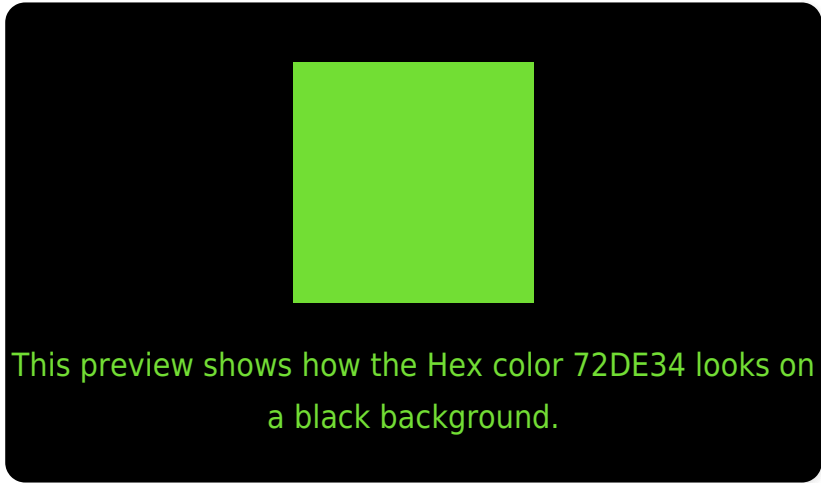
Large Text (above 18pt) WCAG AA × Fail

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 72DE34 Background



This preview shows how black text looks on a background with the Hex color 72DE34.

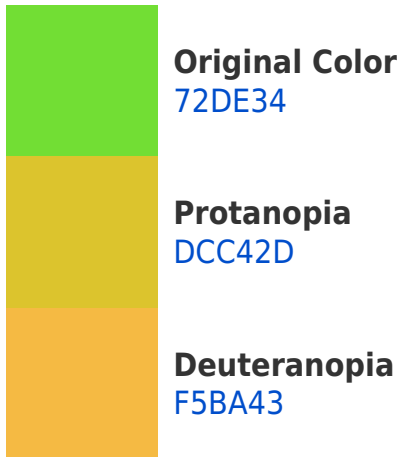


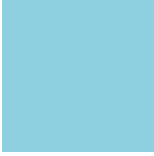
This preview shows how white text looks on a background with the Hex color 72DE34.

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
8ECFE0

Trichromacy



Original Color

72DE34



Protanomaly

B5CD30



Deuteranomaly

C5C73E



Tritanomaly

84D4A1

Monochromacy



Original Color

72DE34



Achromatopsia

AAAAAA



Achromatomaly

96BD7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 72DE34 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 #72DE34 looks like.

```
.text, #text, p{  
    color:#72DE34  
}
```

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 #72DE34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72DE34
}
```

Border

The CSS property to change the border of an element to Hex 72DE34 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
#72DE34 }
```

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

```
.border{ border-color:#72DE34 }
```

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

Here you see how a box with a 4 pixel #72DE34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72DE34; -webkit-box-shadow:4px 4px  
4px 4px #72DE34; box-shadow:4px 4px 4px  
4px #72DE34 }
```

Background

The CSS property to change the background color of an element to Hex 72DE34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72DE34 }
```

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

```
.background{ background-color:#72DE34 }
```

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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