

Converting Colors

Hex(36DF72)

Have a look what the booklet for
Hex(36DF72) contains.

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Color

Hex(36DF72)

Conversions

Conversions Part 1

Format	Color
Hex	36DF72
RGB	54, 223, 114
RGB Percent	21%, 87%, 45%
CMY	0.7882, 0.1255, 0.5529
CMYK	0.76, 0.00, 0.49, 0.13
HSL	141°, 73%, 54%
HSV	141°, 76%, 87%
XYZ	30.9463, 54.7745, 24.8611
YIQ	160.0430, -65.7350, -69.7270

Conversions

Conversions Part 2

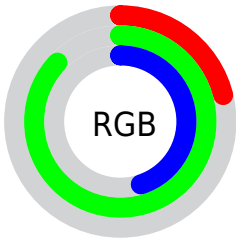
Format	Color
RYB	54, 179, 223
Decimal	3596146
CIELab	78.91, -65.13, 41.40
CIELCh	79, 77.170, 147.557
Yxy	54.7745, 0.2798, 0.4953
Android (android.graphics.Color)	4281786226 (0xFF36DF72)
YUV	160.0430, -22.6992, -92.9997
Hunter-Lab	74.0098, -54.8797, 31.8904

Details

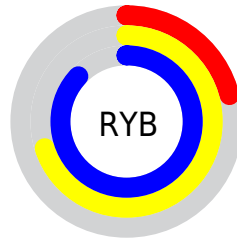
The Hex color **36DF72** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark muted spring green. A complement of this color would be **DF36A3**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **7DFFA8**, and **00A63F** is the 20% darker color. If you saturate the color by 10%, you get **20DF64**, and if you desaturate by 10%, it is **4CDF80**.

Distribution



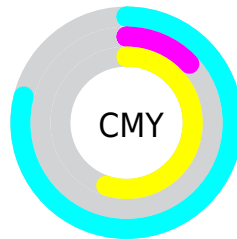
- Red (21%)
- Green (87%)
- Blue (45%)



- Red (21%)
- Yellow (70%)
- Blue (87%)



- Cyan (76%)
- Magenta (0%)
- Yellow (49%)
- Black (13%)



- Cyan (79%)
- Magenta (13%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36DF72 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 36DF72 by changing the saturation by 10% instead.

 36DF72

 36DF72

FFFFFF

 00C258

 7DFFA8

 00A63F

 9DFFC3

 008B25

 BCFFE0

 007007

 DAFFFD

 005600

 F9FFFF

 003D00

 002500

 000000

 36DF72

 36DF72

 20DF64

 4CDF80

 09DF55

 63DF8F

 00DF4F

 79DF9D

 8FDFAC

 A6DFBA

 BCDFC8

 D2DFD7

 E8DFE5

 FFDFF3

Harmonies

Analogous

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



A6D334



36DF72



00E5BB

Triad

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



36DF72



00CEFF



FF8685

Complementary

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



36DF72



DF36A3

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.



FF7ECC



36DF72



B8B3FF

Square

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



36DF72



00DEFF



FF93FF



FFA248

Rectangle

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



36DF72



00E5ED



FF93FF



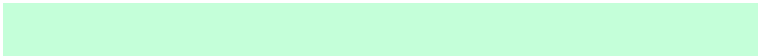
FF809C

Sweetspot

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



36DF72



C4FFD9



A4DF36



5C8068



000000



808080

Same Dimension

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



36DF72



17FF69



36DFC6



657069



00B03E



003011

Inverse Universe

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



DF36A3



FF17AD



DF364F



70656C



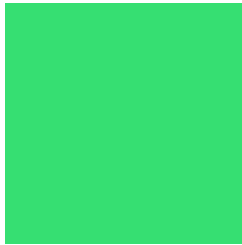
B00071



30001F

Previews

White Background



This preview shows how the Hex color 36DF72 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



This preview shows how the Hex color 36DF72 looks on a 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 36DF72 Background



This preview shows how black text looks on a background with the Hex color 36DF72.

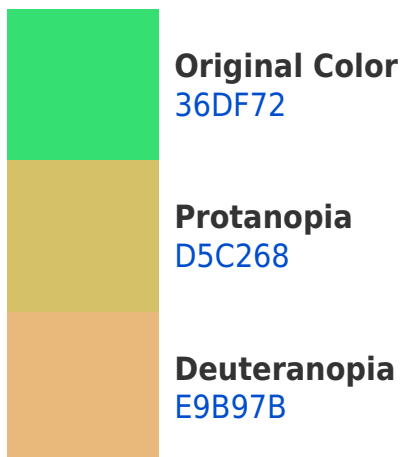


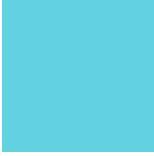
This preview shows how white text looks on a background with the Hex color 36DF72.

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
62D2E3

Trichromacy



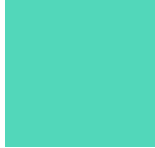
Original Color
36DF72



Protanomaly
9BCD6C



Deuteranomaly
A8C778



Tritanomaly
52D7BA

Monochromacy



Original Color
36DF72



Achromatopsia
A0A0A0



Achromatomaly
79B78F

CSS Examples

Text

The CSS property to change the color of the text to Hex 36DF72 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 #36DF72 looks like.

```
.text, #text, p{  
    color:#36DF72  
}
```

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 #36DF72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36DF72
}
```

Border

The CSS property to change the border of an element to Hex 36DF72 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
#36DF72 }
```

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

```
.border{ border-color:#36DF72 }
```

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

Here you see how a box with a 4 pixel #36DF72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36DF72; -webkit-box-shadow:4px 4px  
4px 4px #36DF72; box-shadow:4px 4px 4px  
4px #36DF72 }
```

Background

The CSS property to change the background color of an element to Hex 36DF72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36DF72 }
```

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

```
.background{ background-color:#36DF72 }
```

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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