

Converting Colors

Hex(DCC724)

Have a look what the booklet for
Hex(DCC724) contains.

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Color

Hex(DCC724)

Conversions

Conversions Part 1

Format	Color
Hex	DCC724
RGB	220, 199, 36
RGB Percent	86%, 78%, 14%
CMY	0.1373, 0.2196, 0.8588
CMYK	0.00, 0.10, 0.84, 0.14
HSL	53°, 72%, 50%
HSV	53°, 84%, 86%
XYZ	50.2571, 56.1899, 9.8660
YIQ	186.6970, 64.8390, -46.2410

Conversions

Conversions Part 2

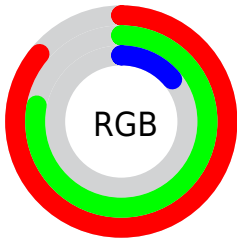
Format	Color
RYB	60, 220, 36
Decimal	14468900
CIELab	79.72, -8.28, 75.21
CIELCh	80, 75.661, 96.280
Yxy	56.1899, 0.4321, 0.4831
Android (android.graphics.Color)	4292658980 (0xFFDCC724)
YUV	186.6970, -74.2936, 29.2067
Hunter-Lab	74.9599, -11.5040, 44.6684

Details

The Hex color **DCC724** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **2439DC**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFFF63**, and **A19200** is the 20% darker color. If you saturate the color by 10%, you get **DCC40E**, and if you desaturate by 10%, it is **DCCA3A**.

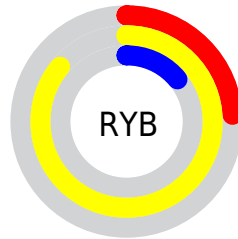
Distribution



Red (86%)

Green (78%)

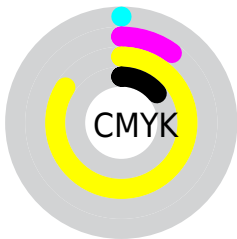
Blue (14%)



Red (24%)

Yellow (86%)

Blue (14%)

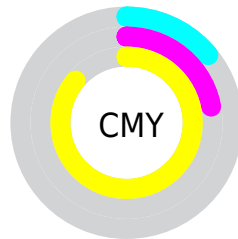


Cyan (0%)

Magenta (10%)

Yellow (84%)

Black (14%)



Cyan (14%)

Magenta (22%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCC724 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 DCC724 by changing the saturation by 10% instead.

 DCC724

 DCC724

FFFFFF

 BEAC00

 FFFF63

 A19200

 FFFF7F

 847800

 FFFF9C

 676000

 FFFFB8

 4C4800

 FFFFD5

 323200

 FFFFF3

 191D00

 000000

 DCC724

 DCC724

 DCC40E

 DCCA3A

 DCC300

 DCCC50

 DCCF66

 DCD17C

 DCD492

 DCD6A8

 DCD9BE

 DCDBD4

 DCDEEA

Harmonies

Analogous

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



FFAD3E



DCC724



92D94A

Triad

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



DCC724



00E5FF



FF8EFF

Complementary

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



DCC724



2439DC

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.



DBACFF



DCC724



00DCFF

Square

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



DCC724



00E7D3



32C9FF



FF81BA

Rectangle

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



DCC724



47E173



32C9FF



FF98FF

Sweetspot

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



DCC724



FFF8BF



DC2439



807B59



000000



808080

Same Dimension

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



DCC724



FFE200



95DC24



6E6C63



AD9A00



2E2900

Inverse Universe

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



2439DC



001DFF



6B24DC



63646E



0014AD



00052E

Previews

White Background



This preview shows how the Hex color DCC724 looks on a white background.

Color Contrast Check

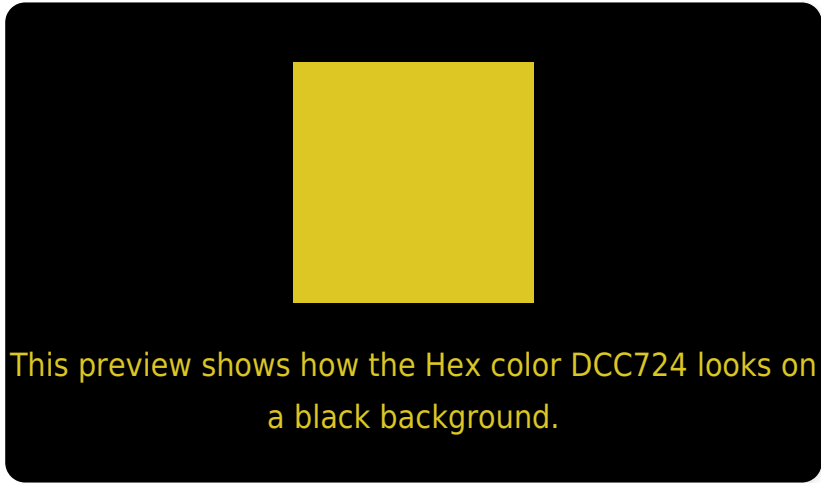
Large Text (above 18pt) WCAG AA × Fail

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 DCC724 Background



This preview shows how black text looks on a background with the Hex color DCC724.



This preview shows how white text looks on a background with the Hex color DCC724.

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
DCC724

Protanopia
DFC624

Deuteranopia
F9BB2B



Tritanopia
E8B9C8

Trichromacy



Original Color
DCC724

Protanomaly
DEC624

Deuteranomaly
EEBF28

Tritanomaly
E4BE8C

Monochromacy



Original Color
DCC724

Achromatopsia
BBBBBB

Achromatomaly
C7BF84

CSS Examples

Text

The CSS property to change the color of the text to Hex DCC724 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 #DCC724 looks like.

```
.text, #text, p{  
    color:#DCC724  
}
```

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 #DCC724 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCC724
}
```

Border

The CSS property to change the border of an element to Hex DCC724 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
#DCC724 }
```

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

```
.border{ border-color:#DCC724 }
```

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

Here you see how a box with a 4 pixel #DCC724 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCC724; -webkit-box-shadow:4px 4px  
4px 4px #DCC724; box-shadow:4px 4px 4px  
4px #DCC724 }
```

Background

The CSS property to change the background color of an element to Hex DCC724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCC724 }
```

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

```
.background{ background-color:#DCC724 }
```

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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