

Converting Colors

Decimal(13033330)

Have a look what the booklet for
Decimal(13033330) contains.

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Color

Decimal(13033330)

Conversions

Conversions Part 1

Format	Color
Hex	C6DF72
RGB	198, 223, 114
RGB Percent	78%, 87%, 45%
CMY	0.2235, 0.1255, 0.5529
CMYK	0.11, 0.00, 0.49, 0.13
HSL	74°, 63%, 66%
HSV	74°, 49%, 87%
XYZ	52.7136, 65.9960, 25.8798
YIQ	203.0990, 20.0890, -39.1990

Conversions

Conversions Part 2

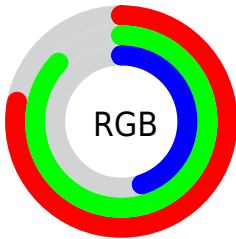
Format	Color
RYB	114, 223, 139
Decimal	13033330
CIELab	84.99, -24.52, 50.24
CIElCh	85, 55.904, 116.015
Yxy	65.9960, 0.3646, 0.4564
Android (android.graphics.Color)	4291223410 (0xFFC6DF72)
YUV	203.0990, -43.9258, -4.4718
Hunter-Lab	81.2379, -26.3414, 37.9787

Details

The Decimal color **13033330** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **9138911**, and the grayscale version is **13421772**.

A 20% lighter version of the original color is **16777128**, and **9349182** is the 20% darker color. If you saturate the color by 10%, you get **12705628**, and if you desaturate by 10%, it is **13361032**.

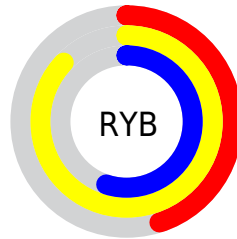
Distribution



Red (78%)

Green (87%)

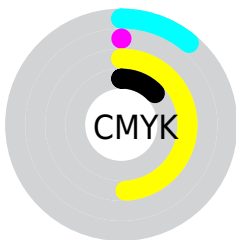
Blue (45%)



Red (45%)

Yellow (87%)

Blue (55%)

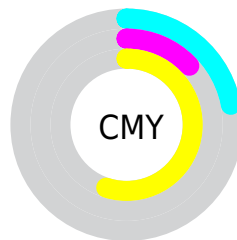


Cyan (11%)

Magenta (0%)

Yellow (49%)

Black (13%)



Cyan (22%)















Magenta (13%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13033330 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 Decimal color 13033330 by changing the saturation by 10% instead.

 13033330	 13033330
16777215	 11191128
 16777128	 9349182
 16777156	 7572771
 16777185	 5862400
16777214	 4152064
	 2507520
	 601344
	 6656
	 0

■ 13033330

■ 13033330

■ 12705628

■ 13361032

■ 12377925

■ 13688735

■ 12050223

■ 14016437

■ 11722521

■ 14344139

■ 11329283

■ 14737378

■ 11329280

■ 15065080

■ 15392767

■ 15720447

■ 16048127

Harmonies

Analogous

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



16502632



13033330



8841879

Triad

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



13033330



59903



16755166

Complementary

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



13033330



9138911

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.



16758271



13033330



6872319

Square

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



13033330



61439



13552127



16755881

Rectangle

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



13033330



4910777



13552127



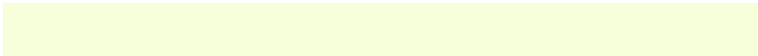
16755951

Sweetspot

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



13033330



16187353



14649970



8028265



0



8421504

Same Dimension

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



13033330



14483305



9559922



7237733



8957952



2437120

Inverse Universe

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



9138911



9136639



12612319



6841712



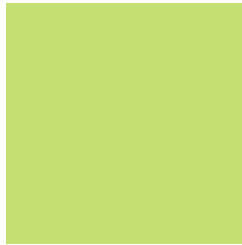
2621616



720944

Previews

White Background



This preview shows how the Decimal color 13033330 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 Decimal color 13033330 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](#).

Decimal 13033330 Background



This preview shows how black text looks on a background with the Decimal color 13033330.



This preview shows how white text looks on a background with the Decimal color 13033330.

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
13947619

Trichromacy



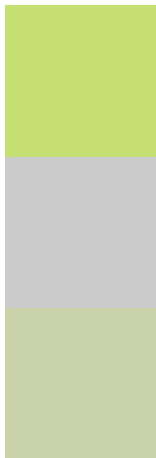
Original Color
13033330

Protanomaly
14538863

Deuteranomaly
15389308

Tritanomaly
13621178

Monochromacy



Original Color
13033330

Achromatopsia
13355979

Achromatomaly
13226667

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13033330 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 #C6DF72 looks like.

```
.text, #text, p{  
    color:#C6DF72  
}
```

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 #C6DF72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6DF72
}
```

Border

The CSS property to change the border of an element to Decimal 13033330 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
#C6DF72 }
```

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

```
.border{ border-color:#C6DF72 }
```

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

Here you see how a box with a 4 pixel #C6DF72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6DF72; -webkit-box-shadow:4px 4px  
4px 4px #C6DF72; box-shadow:4px 4px 4px  
4px #C6DF72 }
```

Background

The CSS property to change the background color of an element to Decimal 13033330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6DF72 }
```

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

```
.background{ background-color:#C6DF72 }
```

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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