

Converting Colors

Decimal(13033586)

Have a look what the booklet for
Decimal(13033586) contains.

Decimal(13033586)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(13033586)

Conversions

Conversions Part 1

Format	Color
Hex	C6E072
RGB	198, 224, 114
RGB Percent	78%, 88%, 45%
CMY	0.2235, 0.1216, 0.5529
CMYK	0.12, 0.00, 0.49, 0.12
HSL	74°, 64%, 66%
HSV	74°, 49%, 88%
XYZ	52.9816, 66.5320, 25.9691
YIQ	203.6860, 19.8140, -39.7220

Conversions

Conversions Part 2

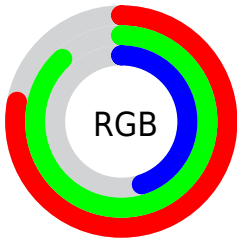
Format	Color
RYB	114, 224, 140
Decimal	13033586
CIELab	85.27, -25.00, 50.57
CIELCh	85, 56.410, 116.307
Yxy	66.5320, 0.3642, 0.4573
Android (android.graphics.Color)	4291223666 (0xFFC6E072)
YUV	203.6860, -44.2152, -4.9866
Hunter-Lab	81.5671, -26.7985, 38.2204

Details

The Decimal color **13033586** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **9204448**, and the grayscale version is **13421772**.

A 20% lighter version of the original color is **16777128**, and **9349438** is the 20% darker color. If you saturate the color by 10%, you get **12705884**, and if you desaturate by 10%, it is **13361288**.

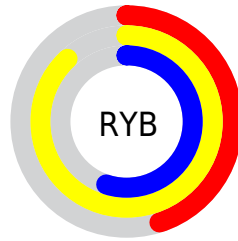
Distribution



Red (78%)

Green (88%)

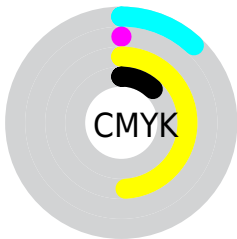
Blue (45%)



Red (45%)

Yellow (88%)

Blue (55%)

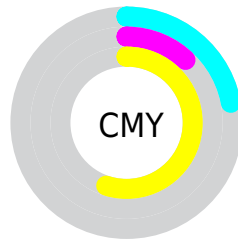


Cyan (12%)

Magenta (0%)

Yellow (49%)

Black (12%)



Cyan (22%)















Magenta (12%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13033586 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 13033586 by changing the saturation by 10% instead.

 13033586	 13033586
16777215	 11191384
 16777128	 9349438
 16777156	 7573027
 16777185	 5862656
16777214	 4152320
	 2442240
	 536064
	 6912
	 0

 13033586

 13033586

 12705884

 13361288

 12312645

 13754527

 11984943

 14082229

 11657240

 14409932

 11329538

 14737634

 11264000

 15130872

 15458559

 15786239

 16179455

Harmonies

Analogous

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



16502888



13033586



8776600

Triad

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



13033586



60159



16755166

Complementary

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



13033586



9204448

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.



16758527



13033586



6938111

Square

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



13033586



61695



13617919



16756137

Rectangle

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



13033586



4714426



13617919



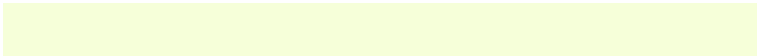
16755952

Sweetspot

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



13033586



16187353



14716018



8028265



0



8421504

Same Dimension

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



13033586



14417769



9429106



7237733



8826880



2437120

Inverse Universe

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



9204448



9202175



12808928



6841712



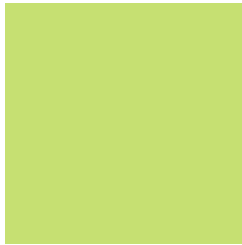
2752688



720944

Previews

White Background



This preview shows how the Decimal color 13033586 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 13033586 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 13033586 Background



This preview shows how black text looks on a background with the Decimal color 13033586.



This preview shows how white text looks on a background with the Decimal color 13033586.

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
13947876

Trichromacy



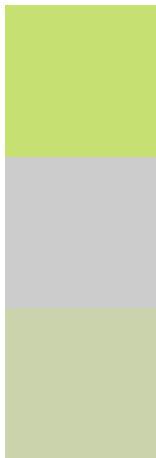
Original Color
13033586

Protanomaly
14604655

Deuteranomaly
15389566

Tritanomaly
13621435

Monochromacy



Original Color
13033586

Achromatopsia
13421772

Achromatomaly
13292459

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13033586 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 #C6E072 looks like.

```
.text, #text, p{  
    color:#C6E072  
}
```

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 #C6E072 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6E072
}
```

Border

The CSS property to change the border of an element to Decimal 13033586 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
#C6E072 }
```

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

```
.border{ border-color:#C6E072 }
```

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

Here you see how a box with a 4 pixel #C6E072 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6E072; -webkit-box-shadow:4px 4px  
4px 4px #C6E072; box-shadow:4px 4px 4px  
4px #C6E072 }
```

Background

The CSS property to change the background color of an element to Decimal 13033586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6E072 }
```

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

```
.background{ background-color:#C6E072 }
```

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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