

Converting Colors

Decimal(13033095)

Have a look what the booklet for
Decimal(13033095) contains.

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Color

Decimal(13033095)

Conversions

Conversions Part 1

Format	Color
Hex	C6DE87
RGB	198, 222, 135
RGB Percent	78%, 87%, 53%
CMY	0.2235, 0.1294, 0.4706
CMYK	0.11, 0.00, 0.39, 0.13
HSL	77°, 57%, 70%
HSV	77°, 39%, 87%
XYZ	53.7832, 65.9976, 32.8258
YIQ	204.9060, 13.6230, -32.1450

Conversions

Conversions Part 2

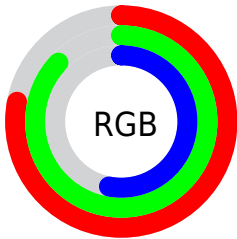
Format	Color
RYB	135, 222, 159
Decimal	13033095
CIELab	85.00, -21.76, 40.02
CIElCh	85, 45.558, 118.536
Yxy	65.9976, 0.3524, 0.4325
Android (android.graphics.Color)	4291223175 (0xFFC6DE87)
YUV	204.9060, -34.4637, -6.0566
Hunter-Lab	81.2389, -23.9945, 32.9102

Details

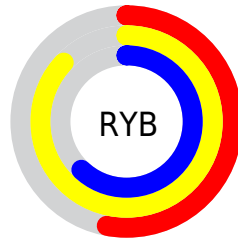
The Decimal color **13033095** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **10455006**, and the grayscale version is **13487565**.

A 20% lighter version of the original color is **16777149**, and **9414484** is the 20% darker color. If you saturate the color by 10%, you get **12639857**, and if you desaturate by 10%, it is **13426333**.

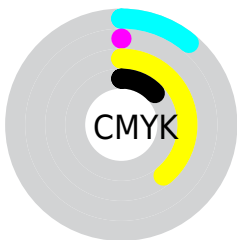
Distribution



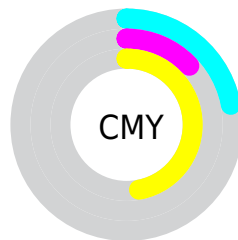
- Red (78%)
- Green (87%)
- Blue (53%)



- Red (53%)
- Yellow (87%)
- Blue (62%)



- Cyan (11%)
- Magenta (0%)
- Yellow (39%)
- Black (13%)


















- Cyan (22%)
- Magenta (13%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13033095 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 13033095 by changing the saturation by 10% instead.

 13033095	 13033095
 16777215	 11190893
 16777149	 9414484
 16777177	 7638075
 16777206	 5927714
	 4282886
	 2769664
	 1059840
	 6656
	 0

■ 13033095

■ 13033095

■ 12639857

■ 13426333

■ 12246619

■ 13819571

■ 11853380

■ 14212810

■ 11460142

■ 14606048

■ 11001368

■ 15064822

■ 10608130

■ 15458047

■ 10608128

■ 15851263

■ 16244479

■ 16637695

Harmonies

Analogous

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



15913341



13033095



9693094

Triad

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



13033095



4056319



16757720

Complementary

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



13033095



10455006

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.



16759807



13033095



9558527

Square

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



13033095



60156



14076671



16758445

Rectangle

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



13033095



7137986



14076671



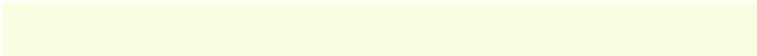
16757991

Sweetspot

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



13033095



16252896



14589575



8093806



0



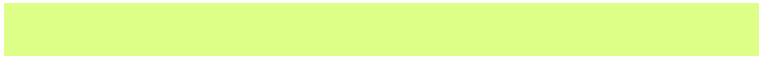
8421504

Same Dimension

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



13033095



14614407



10215047



7172197



8368128



2306048

Inverse Universe

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



10455006



11044863



13273054



6841712



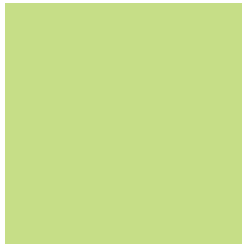
3211440



852016

Previews

White Background



This preview shows how the Decimal color 13033095 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 13033095 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

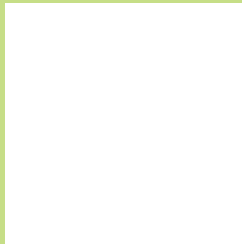
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 13033095 Background



This preview shows how black text looks on a background with the Decimal color 13033095.



This preview shows how white text looks on a background with the Decimal color 13033095.

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
13816804

Trichromacy



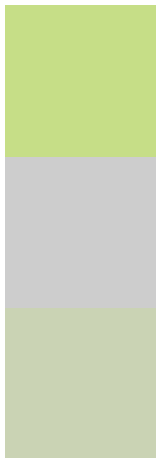
Original Color
13033095

Protanomaly
14407812

Deuteranomaly
15389322

Tritanomaly
13555650

Monochromacy



Original Color
13033095

Achromatopsia
13487565

Achromatomaly
13292468

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13033095 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 #C6DE87 looks like.

```
.text, #text, p{  
    color:#C6DE87  
}
```

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 #C6DE87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6DE87
}
```

Border

The CSS property to change the border of an element to Decimal 13033095 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
#C6DE87 }
```

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

```
.border{ border-color:#C6DE87 }
```

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

Here you see how a box with a 4 pixel #C6DE87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6DE87; -webkit-box-shadow:4px 4px  
4px 4px #C6DE87; box-shadow:4px 4px 4px  
4px #C6DE87 }
```

Background

The CSS property to change the background color of an element to Decimal 13033095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6DE87 }
```

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

```
.background{ background-color:#C6DE87 }
```

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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