

Converting Colors

Decimal(13036456)

Have a look what the booklet for
Decimal(13036456) contains.

Decimal(13036456)	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(13036456)

Conversions

Conversions Part 1

Format	Color
Hex	C6EBA8
RGB	198, 235, 168
RGB Percent	78%, 92%, 66%
CMY	0.2235, 0.0784, 0.3412
CMYK	0.16, 0.00, 0.29, 0.08
HSL	93°, 63%, 79%
HSV	93°, 29%, 92%
XYZ	60.0649, 74.2496, 48.2116
YIQ	216.2990, -0.5450, -28.6810

Conversions

Conversions Part 2

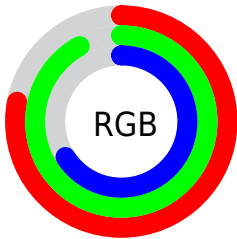
Format	Color
RYB	168, 235, 205
Decimal	13036456
CIELab	89.04, -23.69, 28.67
CIELCh	89, 37.186, 129.568
Yxy	74.2496, 0.3291, 0.4068
Android (android.graphics.Color)	4291226536 (0xFFC6EBA8)
YUV	216.2990, -23.8114, -16.0482
Hunter-Lab	86.1682, -26.3681, 27.1446

Details

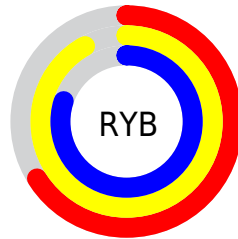
The Decimal color **13036456** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **13478123**, and the grayscale version is **14277081**.

A 20% lighter version of the original color is **16777184**, and **9417587** is the 20% darker color. If you saturate the color by 10%, you get **12184465**, and if you desaturate by 10%, it is **13888448**.

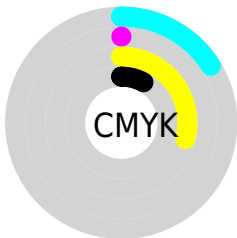
Distribution



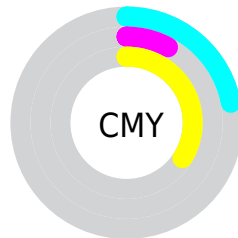
- Red (78%)
- Green (92%)
- Blue (66%)



- Red (66%)
- Yellow (92%)
- Blue (80%)



- Cyan (16%)
- Magenta (0%)
- Yellow (29%)
- Black (8%)



- Cyan (22%)
- Magenta (8%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13036456 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 13036456 by changing the saturation by 10% instead.

■ 13036456

■ 13036456

16777215

■ 11194253

■ 16777184

■ 9417587

■ 16777212

■ 7706714

■ 6061634

■ 4416811

■ 2837780

■ 1324544

■ 8448

■ 0

 13036456

 13036456

 12184465

 13888448

 11332473

 14740439

 10480482

 15592430

 9628490

 16444415

 8776499

 16772095

 7924507

 7072516

 6941440

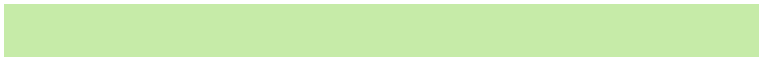
Harmonies

Analogous

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



15589785



13036456



10285510

Triad

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



13036456



9366271



16762325

Complementary

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



13036456



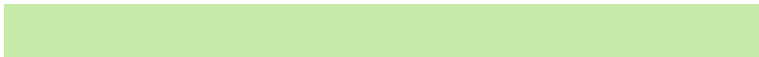
13478123

Split Complementary

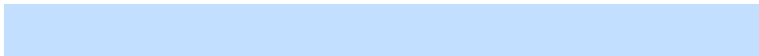
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16763129



13036456



12771327

Square

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



13036456



7270911



15979519



16763572

Rectangle

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



13036456



8647646



15979519



16762338

Sweetspot

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



13036456



15925224



15453608



7897201



0



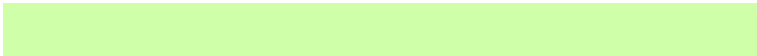
8421504

Same Dimension

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



13036456



13631400



11070379



7304554



5354752



1586688

Inverse Universe

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



13478123



14199039



15444200



7367285



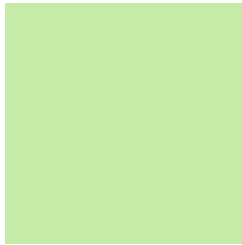
6553781



1966134

Previews

White Background



This preview shows how the Decimal color 13036456 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 13036456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

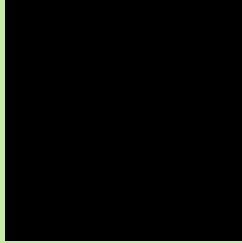
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

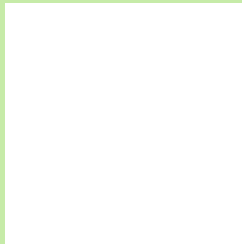
Any Text WCAG AAA ✓ Pass

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

Decimal 13036456 Background



This preview shows how black text looks on a background with the Decimal color 13036456.

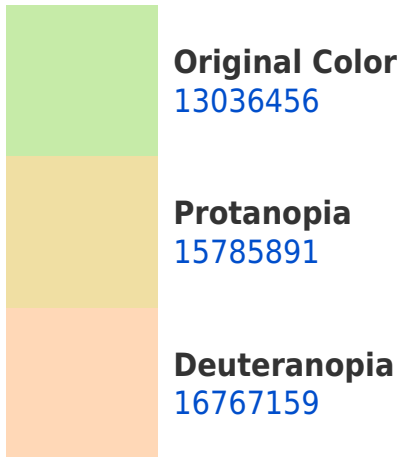


This preview shows how white text looks on a background with the Decimal color 13036456.

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
13754867

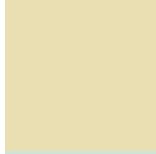
Trichromacy



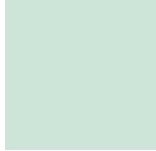
Original Color
13036456



Protanomaly
14803877



Deuteranomaly
15392690

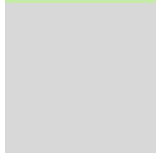


Tritanomaly
13493720

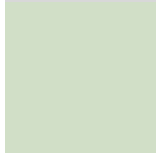
Monochromacy



Original Color
13036456



Achromatopsia
14211288



Achromatomaly
13754311

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13036456 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 #C6EBA8 looks like.

```
.text, #text, p{  
    color:#C6EBA8  
}
```

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 #C6EBA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6EBA8
}
```

Border

The CSS property to change the border of an element to Decimal 13036456 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
#C6EBA8 }
```

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

```
.border{ border-color:#C6EBA8 }
```

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

Here you see how a box with a 4 pixel #C6EBA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6EBA8; -webkit-box-shadow:4px 4px  
4px 4px #C6EBA8; box-shadow:4px 4px 4px  
4px #C6EBA8 }
```

Background

The CSS property to change the background color of an element to Decimal 13036456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6EBA8 }
```

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

```
.background{ background-color:#C6EBA8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor