

Converting Colors

Decimal(12509827)

Have a look what the booklet for
Decimal(12509827) contains.

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Color

Decimal(12509827)

Conversions

Conversions Part 1

Format	Color
Hex	BEE283
RGB	190, 226, 131
RGB Percent	75%, 89%, 51%
CMY	0.2549, 0.1137, 0.4863
CMYK	0.16, 0.00, 0.42, 0.11
HSL	83°, 62%, 70%
HSV	83°, 42%, 89%
XYZ	52.5283, 66.9786, 31.6323
YIQ	204.4060, 9.0390, -37.1770

Conversions

Conversions Part 2

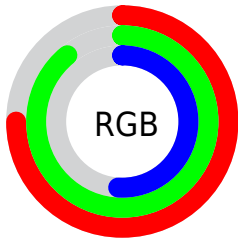
Format	Color
RYB	131, 226, 167
Decimal	12509827
CIELab	85.49, -27.15, 42.53
CIELCh	85, 50.456, 122.556
Yxy	66.9786, 0.3475, 0.4432
Android (android.graphics.Color)	4290699907 (0xFFBEE283)
YUV	204.4060, -36.1892, -12.6341
Hunter-Lab	81.8404, -28.6527, 34.3720

Details

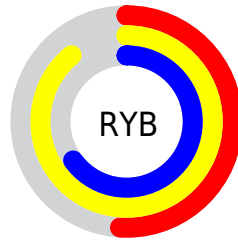
The Decimal color **12509827** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **10978274**, and the grayscale version is **13487565**.

A 20% lighter version of the original color is **16318393**, and **8891215** is the 20% darker color. If you saturate the color by 10%, you get **11919980**, and if you desaturate by 10%, it is **13099674**.

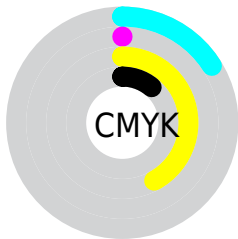
Distribution



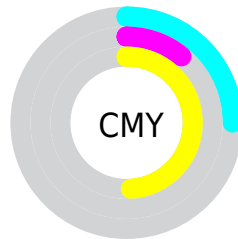
- Red (75%)
- Green (89%)
- Blue (51%)



- Red (51%)
- Yellow (89%)
- Blue (65%)



- Cyan (16%)
- Magenta (0%)
- Yellow (42%)
- Black (11%)

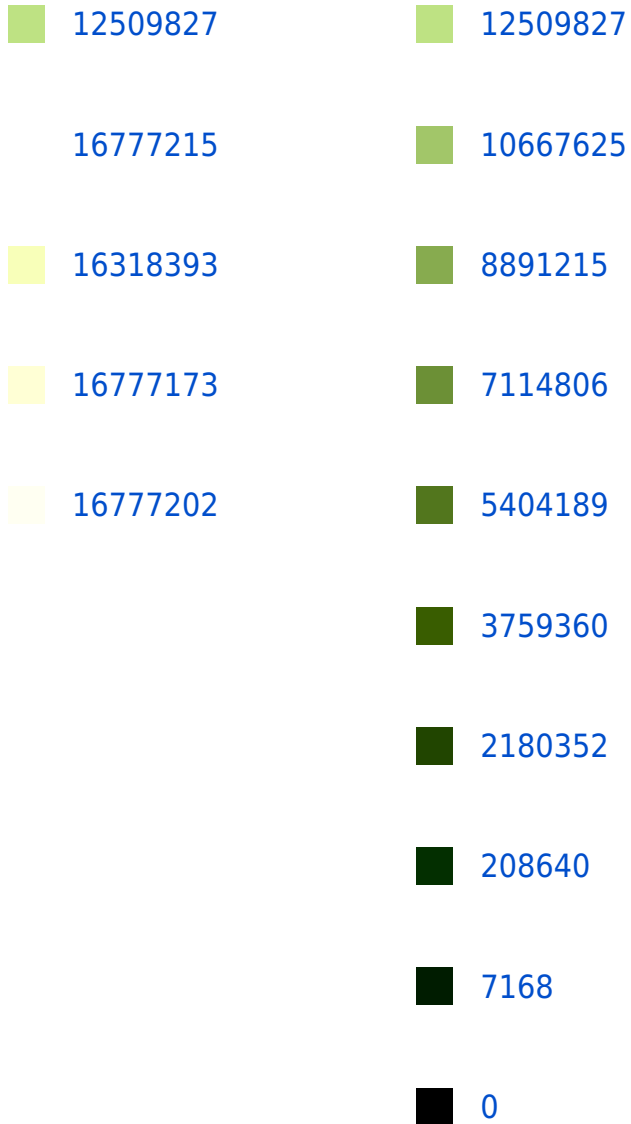


- Cyan (25%)
- Magenta (11%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12509827 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 12509827 by changing the saturation by 10% instead.



 12509827

 12509827

 11919980

 13099674

 11395670

 13623984

 10805823

 14213831

 10281513

 14738141

 9691666

 15327988

 9232896

 15852287

 16442111

 16769791

Harmonies

Analogous

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



15783029



12509827



8645544

Triad

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



12509827



321279



16756691

Complementary

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



12509827



10978274

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.



16758783



12509827



9624063

Square

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



12509827



60927



14731519



16758181

Rectangle

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



12509827



5238472



14731519



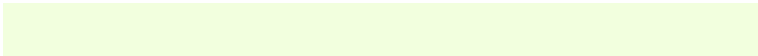
16756964

Sweetspot

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



12509827



15925214



14853763



7897195



0



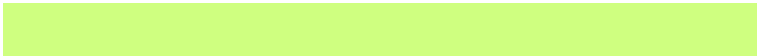
8421504

Same Dimension

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



12509827



13631360



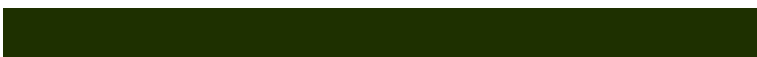
9495171



7106661



7188480



1978368

Inverse Universe

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



10978274



11567359



13992930



6907248



4391088



1179696

Previews

White Background



This preview shows how the Decimal color 12509827 looks on a white background.

Color Contrast Check

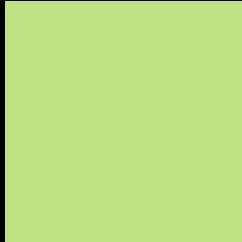
Large Text (above 18pt) WCAG AA × Fail

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 12509827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

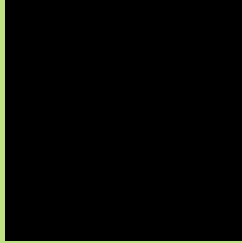
Any Text WCAG AA ✓ Pass

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 12509827 Background



This preview shows how black text looks on a background with the Decimal color 12509827.

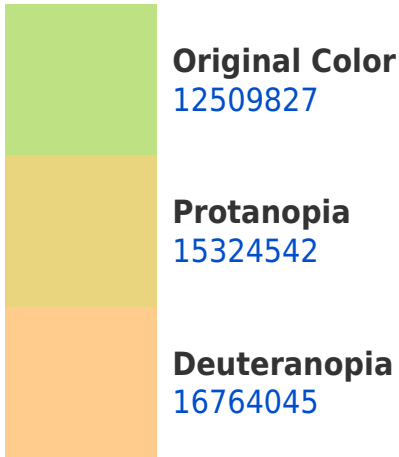


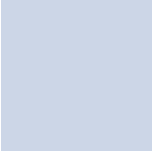
This preview shows how white text looks on a background with the Decimal color 12509827.

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
13424359

Trichromacy



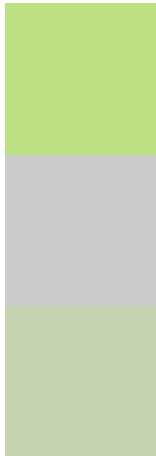
Original Color
12509827

Protanomaly
14277248

Deuteranomaly
15193225

Tritanomaly
13097667

Monochromacy



Original Color
12509827

Achromatopsia
13421772

Achromatomaly
13096113

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12509827 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 #BEE283 looks like.

```
.text, #text, p{  
    color:#BEE283  
}
```

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 #BEE283 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEE283
}
```

Border

The CSS property to change the border of an element to Decimal 12509827 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
#BEE283 }
```

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

```
.border{ border-color:#BEE283 }
```

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

Here you see how a box with a 4 pixel #BEE283 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEE283; -webkit-box-shadow:4px 4px  
4px 4px #BEE283; box-shadow:4px 4px 4px  
4px #BEE283 }
```

Background

The CSS property to change the background color of an element to Decimal 12509827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEE283 }
```

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

```
.background{ background-color:#BEE283 }
```

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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