

# Converting Colors

Decimal(12904908)

Have a look what the booklet for  
Decimal(12904908) contains.

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# **Color**

**Decimal(12904908)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4E9CC
RGB	196, 233, 204
RGB Percent	77%, 91%, 80%
CMY	0.2314, 0.0863, 0.2000
CMYK	0.16, 0.00, 0.12, 0.09
HSL	133°, 46%, 84%
HSV	133°, 16%, 91%
XYZ	62.8029, 74.3732, 68.1721
YIQ	218.6310, -12.7430, -16.8630

# Conversions

## Conversions Part 2

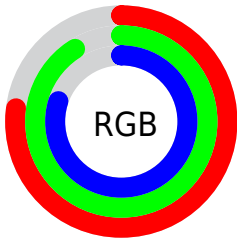
<b>Format</b>	<b>Color</b>
<b>RYB</b>	196, 226, 233
Decimal	12904908
CIELab	89.10, -17.52, 10.11
CIELCh	89, 20.222, 150.016
Yxy	74.3732, 0.3058, 0.3622
Android (android.graphics.Color)	4291094988 (0xFFC4E9CC)
YUV	218.6310, -7.2131, -19.8474
Hunter-Lab	86.2399, -20.9298, 13.4995

# Details

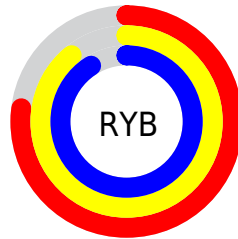
The Decimal color **12904908** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **15320289**, and the grayscale version is **14408667**.

A 20% lighter version of the original color is **16646143**, and **9351574** is the 20% darker color. If you saturate the color by 10%, you get **11397562**, and if you desaturate by 10%, it is **14412254**.

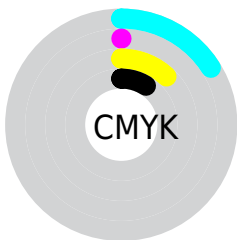
# Distribution



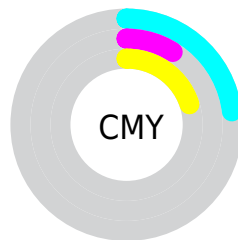
- Red (77%)
- Green (91%)
- Blue (80%)



- Red (77%)
- Yellow (89%)
- Blue (91%)



- Cyan (16%)
- Magenta (0%)
- Yellow (12%)
- Black (9%)



- Cyan (23%)
- Magenta (9%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12904908 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 12904908 by changing the saturation by 10% instead.



12904908

12904908

16777215

11128241

16646143

9351574

7640700

5995875

4416331

2902836

1389855

7944

0

 12904908

 12904908

 11397562

 14412254

 9824679

 15985137

 8317333


 16771583

 6809987

 5302641

 3729758

 2222412

 715066

 59698

# Harmonies

## Analogous

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



14345662



12904908



11791327

# Triad

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



12904908



13296127



16766157

# Complementary

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



12904908



15320289

# 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.



16765664



12904908



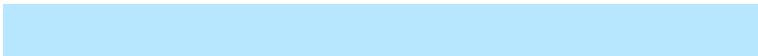
14932991

# Square

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



12904908



11986943



16373235



16767167

# Rectangle

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



12904908



11398124



16373235



16765907

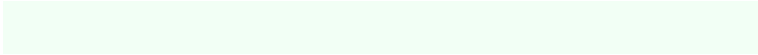


# Sweetspot

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



12904908



15925237



14870980



7897210



0



8421504

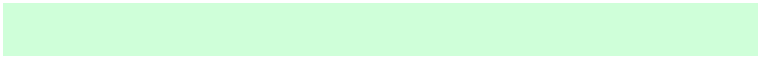


# Same Dimension

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



12904908



13631449



12904926



6976876



46375



13836



# Inverse Universe

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



15320289



16764917



15320271



7694963



11862158



3538986



# Previews

## White Background



This preview shows how the Decimal color 12904908 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 12904908 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

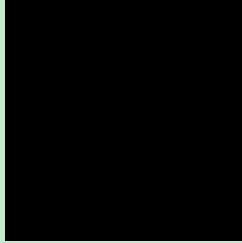
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

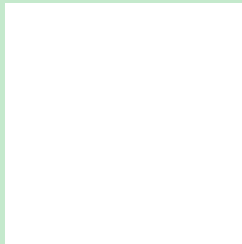
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12904908 Background



This preview shows how black text looks on a background with the Decimal color 12904908.



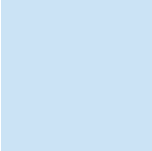
This preview shows how white text looks on a background with the Decimal color 12904908.

# 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**  
13362165

# Trichromacy



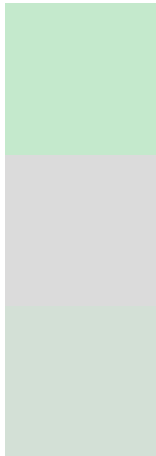
**Original Color**  
12904908

**Protanomaly**  
14476233

**Deuteranomaly**  
15195855

**Tritanomaly**  
13166054

# Monochromacy



**Original Color**  
12904908

**Achromatopsia**  
14408667

**Achromatomaly**  
13885654

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12904908 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 #C4E9CC looks like.

```
.text, #text, p{  
    color:#C4E9CC  
}
```

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 #C4E9CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4E9CC
}
```

## Border

The CSS property to change the border of an element to Decimal 12904908 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
#C4E9CC }
```

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

```
.border{ border-color:#C4E9CC }
```

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

Here you see how a box with a 4 pixel #C4E9CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4E9CC; -webkit-box-shadow:4px 4px  
4px 4px #C4E9CC; box-shadow:4px 4px 4px  
4px #C4E9CC }
```

# Background

The CSS property to change the background color of an element to Decimal 12904908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4E9CC }
```

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

```
.background{ background-color:#C4E9CC }
```

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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