

# Converting Colors

Decimal(12505496)

Have a look what the booklet for  
Decimal(12505496) contains.

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# **Color**

**Decimal(12505496)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">BED198</a>
RGB	<a href="#">190, 209, 152</a>
RGB Percent	<a href="#">75%, 82%, 60%</a>
CMY	<a href="#">0.2549, 0.1804, 0.4039</a>
CMYK	<a href="#">0.09, 0.00, 0.27, 0.18</a>
HSL	<a href="#">80°, 38%, 71%</a>
HSV	<a href="#">80°, 27%, 82%</a>
XYZ	<a href="#">49.7032, 58.8151, 38.4386</a>
YIQ	<a href="#">196.8210, 6.9730, -21.7550</a>

# Conversions

## Conversions Part 2

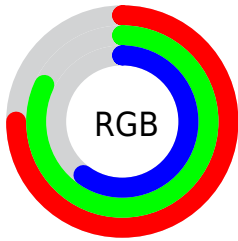
<b>Format</b>	<b>Color</b>
<b>RYB</b>	152, 209, 171
Decimal	12505496
CIELab	81.19, -16.09, 26.22
CIELCh	81, 30.764, 121.545
Yxy	58.8151, 0.3382, 0.4002
Android (android.graphics.Color)	4290695576 (0xFFBED198)
YUV	196.8210, -22.0968, -5.9820
Hunter-Lab	76.6910, -18.5240, 23.9667

# Details

The Decimal color **12505496** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **11245777**, and the grayscale version is **12961221**.

A 20% lighter version of the original color is **16252879**, and **8952677** is the 20% darker color. If you saturate the color by 10%, you get **12046723**, and if you desaturate by 10%, it is **12964269**.

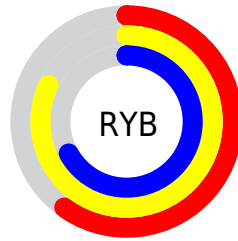
# Distribution



Red (75%)

Green (82%)

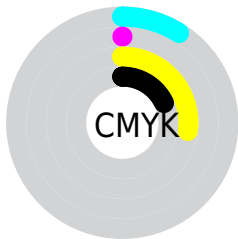
Blue (60%)



Red (60%)

Yellow (82%)

Blue (67%)

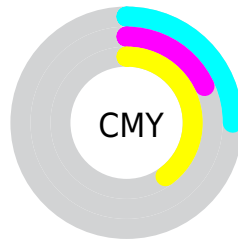


Cyan (9%)

Magenta (0%)

Yellow (27%)

Black (18%)



Cyan (25%)

Magenta (18%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12505496 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 12505496 by changing the saturation by 10% instead.



■ 12505496

■ 12505496

16777215

■ 10728830

■ 16252879

■ 8952677

■ 16777195

■ 7242060

■ 5596981

■ 4017950

■ 2504711

■ 1123072

■ 2048

■ 0

12505496

12505496

12046723

12964269

11587950

13423042

11129177

13881815

10670404

14340588

10211632

14799359

9752859

15258111

9294086

15716863

9163008

16175615

16634367

# Harmonies

## Analogous

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



14534800



12505496



10344365

# Triad

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



12505496



8574203



16758217

# Complementary

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



12505496



11245777

# 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.



15776230



12505496



10996991

# Square

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



12505496



7526887



13681403



16758701

# Rectangle

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



12505496



8968640



13681403



16627155



# Sweetspot

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



12505496



16318443



13740952



8093811



0



8421504



# Same Dimension

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



12505496



14942123



10670488



6646110



7383040



1779968



# Inverse Universe

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



11245777



13085695



13146321



6446697



3670184

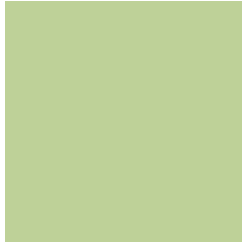


917545



# Previews

## White Background



This preview shows how the Decimal color 12505496 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 12505496 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

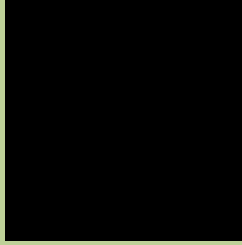
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

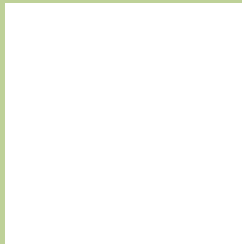
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12505496 Background



This preview shows how black text looks on a background with the Decimal color 12505496.



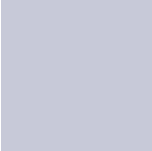
This preview shows how white text looks on a background with the Decimal color 12505496.

# 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](#).

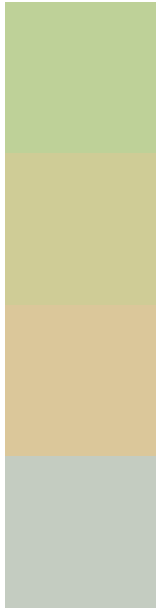
## Dichromacy





**Tritanopia**  
13093336

# Trichromacy



**Original Color**  
12505496

**Protanomaly**  
13618326

**Deuteranomaly**  
14403482

**Tritanomaly**  
12897473

# Monochromacy



**Original Color**  
12505496

**Achromatopsia**  
12961221

**Achromatomaly**  
12765621

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12505496 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 #BED198 looks like.

```
.text, #text, p{  
    color:#BED198  
}
```

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 #BED198 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BED198
}
```

## Border

The CSS property to change the border of an element to Decimal 12505496 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
#BED198 }
```

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

```
.border{ border-color:#BED198 }
```

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

Here you see how a box with a 4 pixel #BED198 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BED198; -webkit-box-shadow:4px 4px  
4px 4px #BED198; box-shadow:4px 4px 4px  
4px #BED198 }
```

# Background

The CSS property to change the background color of an element to Decimal 12505496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BED198 }
```

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

```
.background{ background-color:#BED198 }
```

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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