

# Converting Colors

Decimal(12503445)

Have a look what the booklet for  
Decimal(12503445) contains.

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# **Color**

**Decimal(12503445)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">BEC995</a>
RGB	<a href="#">190, 201, 149</a>
RGB Percent	<a href="#">75%, 79%, 58%</a>
CMY	<a href="#">0.2549, 0.2118, 0.4157</a>
CMYK	<a href="#">0.05, 0.00, 0.26, 0.21</a>
HSL	<a href="#">73°, 32%, 69%</a>
HSV	<a href="#">73°, 26%, 79%</a>
XYZ	<a href="#">47.5467, 54.8904, 36.5227</a>
YIQ	<a href="#">191.7830, 10.1360, -18.5040</a>

# Conversions

## Conversions Part 2

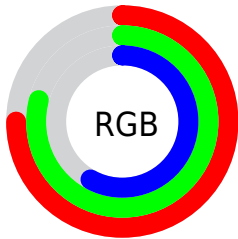
<b>Format</b>	<b>Color</b>
<b>RYB</b>	149, 201, 160
Decimal	12503445
CIELab	78.98, -12.47, 24.79
CIELCh	79, 27.754, 116.707
Yxy	54.8904, 0.3422, 0.3950
Android (android.graphics.Color)	4290693525 (0xFFBEC995)
YUV	191.7830, -21.0920, -1.5637
Hunter-Lab	74.0880, -15.1001, 22.6338

# Details

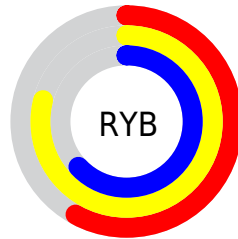
The Decimal color **12503445** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **10524105**, and the grayscale version is **12632256**.

A 20% lighter version of the original color is **16252875**, and **8950626** is the 20% darker color. If you saturate the color by 10%, you get **12241281**, and if you desaturate by 10%, it is **12765609**.

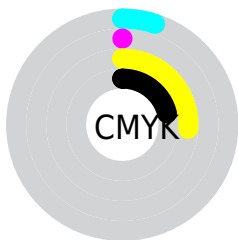
# Distribution



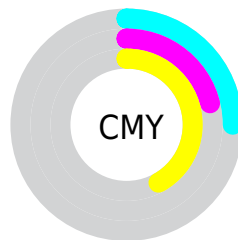
- Red (75%)
- Green (79%)
- Blue (58%)



- Red (58%)
- Yellow (79%)
- Blue (63%)



- Cyan (5%)
- Magenta (0%)
- Yellow (26%)
- Black (21%)



- Cyan (25%)
- Magenta (21%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12503445 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 12503445 by changing the saturation by 10% instead.



 12503445

 12503445

16777215

 10727035

 16252875

 8950626

 16777192

 7240010

 5595442

 4081948

 2568709

 1121536

 0

 12503445

 12503445

■ 12241281

■ 12765609

■ 11913581

■ 13093309

■ 11651417

■ 13355473

■ 11389253

■ 13617637

■ 11127089

■ 13879802

■ 10799388

■ 14207487

■ 10537224

■ 14469631

■ 10406144

■ 14731775

■ 14993919

# Harmonies

## Analogous

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



14270864



12503445



10538918

# Triad

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



12503445



8572654



16036295

# Complementary

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



12503445



10524105

# 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.



14857952



12503445



10536951

# Square

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



12503445



7918298



12893938



16298670

# Rectangle

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



12503445



9359799



12893938



15774416



# Sweetspot

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



12503445



16515051



13213589



8224883



0



8421504

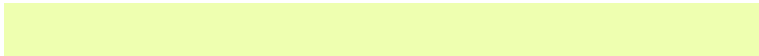


# Same Dimension

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



12503445



15663024



10865045



6382426



8495872



1844224



# Inverse Universe

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



10524105



12693759



12162505



6052451



2293923



524324



# Previews

## White Background



This preview shows how the Decimal color 12503445 looks on a white background.

## Color Contrast Check

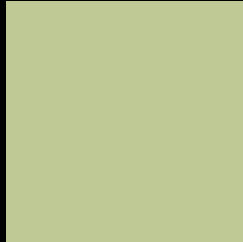
Large Text (above 18pt) WCAG AA × Fail

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 12503445 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

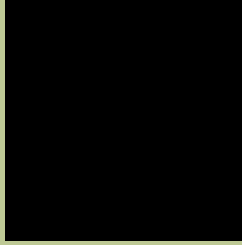
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12503445 Background



This preview shows how black text looks on a background with the Decimal color 12503445.



This preview shows how white text looks on a background with the Decimal color 12503445.

# 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](#).

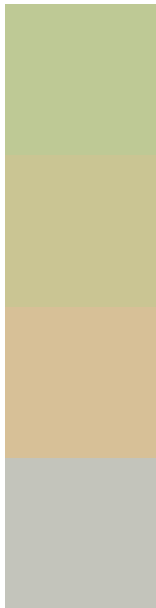
## Dichromacy





**Tritanopia**  
13025744

# Trichromacy



**Original Color**  
12503445

**Protanomaly**  
13288851

**Deuteranomaly**  
14139543

**Tritanomaly**  
12829883

# Monochromacy



**Original Color**  
12503445

**Achromatopsia**  
12632256

**Achromatomaly**  
12567472

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12503445 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 #BEC995 looks like.

```
.text, #text, p{  
    color:#BEC995  
}
```

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 #BEC995 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEC995
}
```

## Border

The CSS property to change the border of an element to Decimal 12503445 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
#BEC995 }
```

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

```
.border{ border-color:#BEC995 }
```

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

Here you see how a box with a 4 pixel #BEC995 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEC995; -webkit-box-shadow:4px 4px  
4px 4px #BEC995; box-shadow:4px 4px 4px  
4px #BEC995 }
```

# Background

The CSS property to change the background color of an element to Decimal 12503445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEC995 }
```

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

```
.background{ background-color:#BEC995 }
```

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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