

# Converting Colors

Decimal(12504268)

Have a look what the booklet for  
Decimal(12504268) contains.

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# **Color**

**Decimal(12504268)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BECCCC
RGB	190, 204, 204
RGB Percent	75%, 80%, 80%
CMY	0.2549, 0.2000, 0.2000
CMYK	0.07, 0.00, 0.00, 0.20
HSL	180°, 12%, 77%
HSV	180°, 7%, 80%
XYZ	53.7272, 58.4925, 65.5852
YIQ	199.8140, -8.3440, -2.9680

# Conversions

## Conversions Part 2

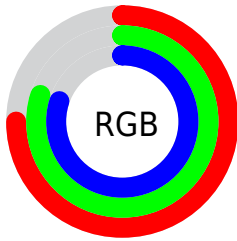
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	190, 197, 204
Decimal	12504268
CIE <sub>Lab</sub>	81.01, -4.74, -1.64
CIE <sub>LCh</sub>	81, 5.015, 199.141
Yxy	58.4925, 0.3022, 0.3290
Android (android.graphics.Color)	4290694348 (0xFFBECCCC)
YUV	199.8140, 2.0637, -8.6069
Hunter-Lab	76.4804, -8.4452, 2.6926

# Details

The Decimal color **12504268** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **13418174**, and the grayscale version is **13158600**.

A 20% lighter version of the original color is **16187391**, and **9016982** is the 20% darker color. If you saturate the color by 10%, you get **11193548**, and if you desaturate by 10%, it is **13814988**.

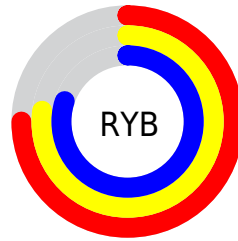
# Distribution



Red (75%)

Green (80%)

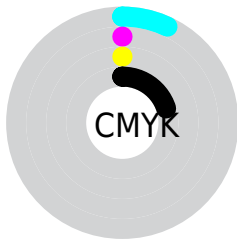
Blue (80%)



Red (75%)

Yellow (77%)

Blue (80%)

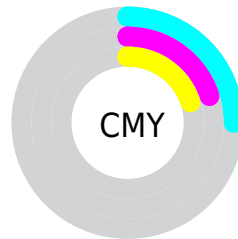


Cyan (7%)

Magenta (0%)

Yellow (0%)

Black (20%)



Cyan (25%)

Magenta (20%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12504268 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 12504268 by changing the saturation by 10% instead.



■ 12504268

16777215

■ 16187391

■ 12504268

■ 10727857

■ 9016982

■ 7306364

■ 5727075

■ 4148043

■ 2700597

■ 1384224

■ 1799

■ 0

■ 12504268

■ 12504268

■ 11193548

■ 13814988

■ 9817292

■ 15191244

■ 8506572

■ 16501964

■ 7130316

■ 16764108

■ 5819596

■ 4508876

■ 3132620

■ 1821900

■ 445644

# Harmonies

## Analogous

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



12635335



12504268



12569552

# Triad

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



12504268



13551567



13617344

# Complementary

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



12504268



13418174

# 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.



13879234



12504268



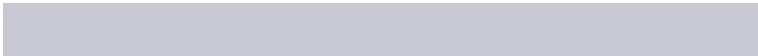
13813451

# Square

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



12504268



13158866



13944518



13290176

# Rectangle

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



12504268



12700626



13944518



13682881



# Sweetspot

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



12504268



16449535



12504254



8224896



0



8421504

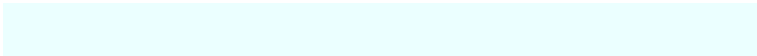


# Same Dimension

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



12504268



15466495



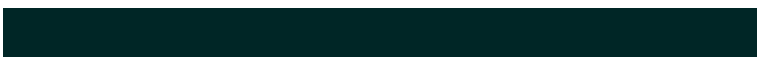
12502476



6055526



42662



9766



# Inverse Universe

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



13418188



16772095



13419966



6708326



10879142



2490406



# Previews

## White Background



This preview shows how the Decimal color 12504268 looks on a white background.

## Color Contrast Check

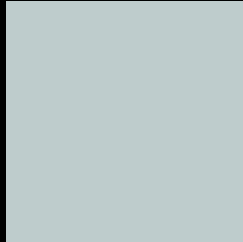
Large Text (above 18pt) WCAG AA × Fail

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 12504268 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

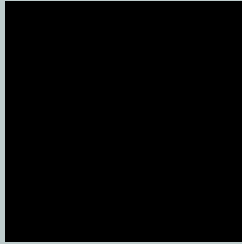
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

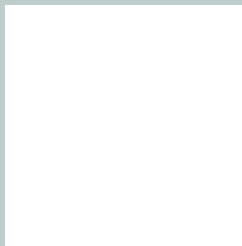
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12504268 Background



This preview shows how black text looks on a background with the Decimal color 12504268.



This preview shows how white text looks on a background with the Decimal color 12504268.

# 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





# Trichromacy



**Original Color**  
12504268

**Protanomaly**  
13093323

**Deuteranomaly**  
13682381

**Tritanomaly**  
12569557

# Monochromacy



**Original Color**  
12504268

**Achromatopsia**  
13158600

**Achromatomaly**  
12896713

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12504268 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 #BECCCC looks like.

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

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 #BECCCC colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 12504268 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
#BECCCC }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 12504268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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