

Converting Colors

Decimal(12507198)

Have a look what the booklet for
Decimal(12507198) contains.

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Color

Decimal(12507198)

Conversions

Conversions Part 1

Format	Color
Hex	BED83E
RGB	190, 216, 62
RGB Percent	75%, 85%, 24%
CMY	0.2549, 0.1529, 0.7569
CMYK	0.12, 0.00, 0.71, 0.15
HSL	70°, 66%, 55%
HSV	70°, 71%, 85%
XYZ	46.6606, 60.4067, 13.7578
YIQ	190.6700, 33.9380, -53.4060

Conversions

Conversions Part 2

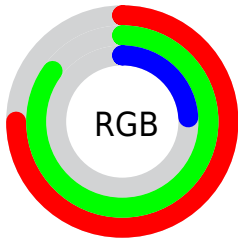
Format	Color
RYB	62, 216, 88
Decimal	12507198
CIELab	82.06, -28.23, 68.71
CIELCh	82, 74.282, 112.339
Yxy	60.4067, 0.3862, 0.5000
Android (android.graphics.Color)	4290697278 (0xFFBED83E)
YUV	190.6700, -63.4343, -0.5876
Hunter-Lab	77.7217, -28.8498, 43.9101

Details

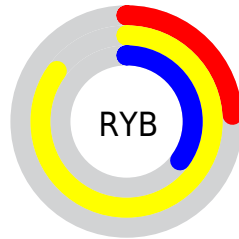
The Decimal color **12507198** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted chartreuse. A complement of this color would be **5783256**, and the grayscale version is **12566463**.

A 20% lighter version of the original color is **16383863**, and **8757504** is the 20% darker color. If you saturate the color by 10%, you get **12245032**, and if you desaturate by 10%, it is **12769364**.

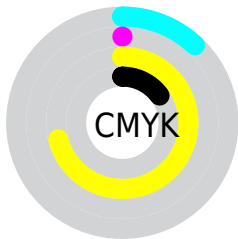
Distribution



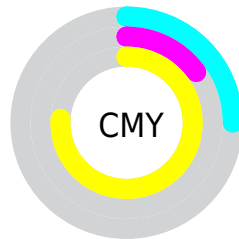
- Red (75%)
- Green (85%)
- Blue (24%)



- Red (24%)
- Yellow (85%)
- Blue (35%)



- Cyan (12%)
- Magenta (0%)
- Yellow (71%)
- Black (15%)




















- Cyan (25%)
- Magenta (15%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12507198 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 12507198 by changing the saturation by 10% instead.

 12507198	 12507198
 16777215	 10599452
 16383863	 8757504
 16777107	 6915840
 16777136	 5139968
 16777164	 3298560
 16777194	 1392128
	 10240
	 3584
	 0

■ 12507198

■ 12507198

■ 12245032

■ 12769364

■ 12048403

■ 12965993

■ 11851776

■ 13228159

■ 13490324

■ 13686954

■ 13949120

■ 14211285

■ 14407915

■ 14670079

Harmonies

Analogous

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



16761397



12507198



6678130

Triad

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



12507198



59647



16748001

Complementary

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



12507198



5783256

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.



16753663



12507198



55807

Square

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



12507198



60927



11387391



16748443

Rectangle

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



12507198



60319



11387391



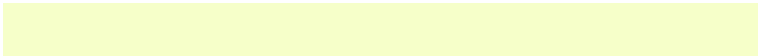
16749304

Sweetspot

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



12507198



16187337



14178366



8028256



0



8421504

Same Dimension

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



12507198



14352164



7460926



6908768



9349888



2370304

Inverse Universe

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



5783256



4793599



10829528



6447211



1900715



458795

Previews

White Background



This preview shows how the Decimal color 12507198 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 12507198 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 12507198 Background



This preview shows how black text looks on a background with the Decimal color 12507198.



This preview shows how white text looks on a background with the Decimal color 12507198.

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



Original Color
12507198

Protanopia
14994491

Deuteranopia
16695623



Tritanopia
13552346

Trichromacy



Original Color
12507198

Protanomaly
14078012

Deuteranomaly
15190340

Tritanomaly
13160353

Monochromacy



Original Color
12507198

Achromatopsia
12566463

Achromatomaly
12568720

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12507198 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 #BED83E looks like.

```
.text, #text, p{  
    color:#BED83E  
}
```

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 #BED83E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BED83E
}
```

Border

The CSS property to change the border of an element to Decimal 12507198 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
#BED83E }
```

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

```
.border{ border-color:#BED83E }
```

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

Here you see how a box with a 4 pixel #BED83E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BED83E; -webkit-box-shadow:4px 4px  
4px 4px #BED83E; box-shadow:4px 4px 4px  
4px #BED83E }
```

Background

The CSS property to change the background color of an element to Decimal 12507198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BED83E }
```

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

```
.background{ background-color:#BED83E }
```

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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