

Converting Colors

Decimal(12504888)

Have a look what the booklet for
Decimal(12504888) contains.

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Color

Decimal(12504888)

Conversions

Conversions Part 1

Format	Color
Hex	BECF38
RGB	190, 207, 56
RGB Percent	75%, 81%, 22%
CMY	0.2549, 0.1882, 0.7804
CMYK	0.08, 0.00, 0.73, 0.19
HSL	67°, 61%, 52%
HSV	67°, 73%, 81%
XYZ	44.2618, 55.8583, 12.1903
YIQ	184.7030, 38.3390, -50.5650

Conversions

Conversions Part 2

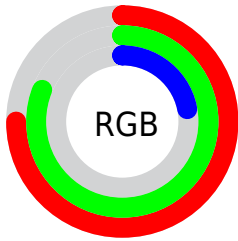
Format	Color
RYB	56, 207, 73
Decimal	12504888
CIELab	79.53, -24.23, 68.32
CIELCh	80, 72.487, 109.524
Yxy	55.8583, 0.3941, 0.4974
Android (android.graphics.Color)	4290694968 (0xFFBECF38)
YUV	184.7030, -63.4506, 4.6455
Hunter-Lab	74.7384, -25.0804, 42.6464

Details

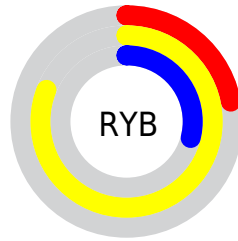
The Decimal color **12504888** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted chartreuse. A complement of this color would be **4798671**, and the grayscale version is **12171705**.

A 20% lighter version of the original color is **16383857**, and **8755456** is the 20% darker color. If you saturate the color by 10%, you get **12373795**, and if you desaturate by 10%, it is **12635981**.

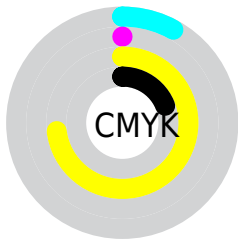
Distribution



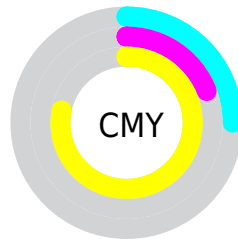
- Red (75%)
- Green (81%)
- Blue (22%)



- Red (22%)
- Yellow (81%)
- Blue (29%)



- Cyan (8%)
- Magenta (0%)
- Yellow (73%)
- Black (19%)



- Cyan (25%)
- Magenta (19%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12504888 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 12504888 by changing the saturation by 10% instead.

 12504888

 12504888

16777215

 10597396

 16383857

 8755456

 16777101

 6913792

 16777130

 5137920

 16777158

 3362304

 16777187

 1521408

 8704

 0

 12504888

 12504888

■ 12373795

■ 12635981

■ 12177167

■ 12832609

■ 12111616

■ 12963702

■ 13094795

■ 13291423

■ 13422516

■ 13553609

■ 13750238

■ 13881330

Harmonies

Analogous

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



16562485



12504888



7134568

Triad

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



12504888



57855



16746976

Complementary

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



12504888



4798671

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.



16752895



12504888



54527

Square

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



12504888



58864



10141183



16746908

Rectangle

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



12504888



58003



10141183



16748534

Sweetspot

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



12504888



16383943



13584184



8159326



0



8421504

Same Dimension

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



12504888



15138591



7655224



6777182



9807872



2369792

Inverse Universe

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



4798671



3678207



9648335



6250089



1245352



327721

Previews

White Background



This preview shows how the Decimal color 12504888 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 12504888 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 12504888 Background



This preview shows how black text looks on a background with the Decimal color 12504888.



This preview shows how white text looks on a background with the Decimal color 12504888.

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
12504888

Protanopia
14533941

Deuteranopia
16169792



Tritanopia
13418960

Trichromacy



Original Color
12504888

Protanomaly
13814070

Deuteranomaly
14860861

Tritanomaly
13092505

Monochromacy



Original Color
12504888

Achromatopsia
12171705

Achromatomaly
12304778

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12504888 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 #BECF38 looks like.

```
.text, #text, p{  
    color:#BECF38  
}
```

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 #BECF38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BECF38  
}
```

Border

The CSS property to change the border of an element to Decimal 12504888 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  
#BECF38 }
```

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

```
.border{ border-color:#BECF38 }
```

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

Here you see how a box with a 4 pixel #BECF38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BECF38; -webkit-box-shadow:4px 4px  
4px 4px #BECF38; box-shadow:4px 4px 4px  
4px #BECF38 }
```

Background

The CSS property to change the background color of an element to Decimal 12504888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BECF38 }
```

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

```
.background{ background-color:#BECF38 }
```

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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