

Converting Colors

Decimal(12566591)

Have a look what the booklet for
Decimal(12566591) contains.

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Color

Decimal(12566591)

Conversions

Conversions Part 1

Format	Color
Hex	BFC03F
RGB	191, 192, 63
RGB Percent	75%, 75%, 25%
CMY	0.2510, 0.2471, 0.7529
CMYK	0.01, 0.00, 0.67, 0.25
HSL	60°, 51%, 50%
HSV	60°, 67%, 75%
XYZ	41.2327, 49.1345, 12.0133
YIQ	176.9950, 40.8130, -40.3310

Conversions

Conversions Part 2

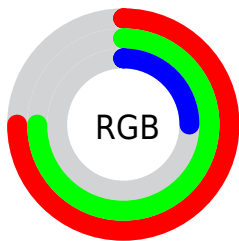
Format	Color
RYB	63, 192, 64
Decimal	12566591
CIELab	75.53, -16.04, 61.89
CIELCh	76, 63.939, 104.531
Yxy	49.1345, 0.4027, 0.4799
Android (android.graphics.Color)	4290756671 (0xFFBFC03F)
YUV	176.9950, -56.1995, 12.2824
Hunter-Lab	70.0960, -17.6687, 38.9059

Details

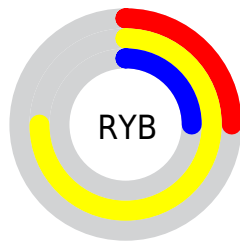
The Decimal color **12566591** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted chartreuse. A complement of this color would be **4210624**, and the grayscale version is **11711154**.

A 20% lighter version of the original color is **16447606**, and **8817408** is the 20% darker color. If you saturate the color by 10%, you get **12566572**, and if you desaturate by 10%, it is **12566610**.

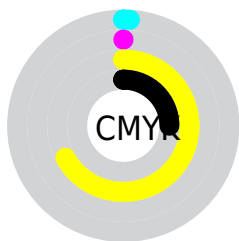
Distribution



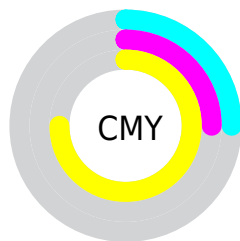
- Red (75%)
- Green (75%)
- Blue (25%)



- Red (25%)
- Yellow (75%)
- Blue (25%)



- Cyan (1%)
- Magenta (0%)
- Yellow (67%)
- Black (25%)



- Cyan (25%)
- Magenta (25%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12566591 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 12566591 by changing the saturation by 10% instead.

 12566591

 12566591

16777215

 10659105

 16447606

 8817408

 16777105

 7041280

 16777133

 5265664

 16777162

 3490304

 16777190

 1846272

 6400

 0

 12566591

 12566591

■ 12566572

■ 12566610

■ 12566553

■ 12566629

■ 12566533

■ 12566649

■ 12566528

■ 12632204

■ 12632223

■ 12632242

■ 12632261

■ 12632281

■ 12632300

Harmonies

Analogous

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



16034884



12566591



8179298

Triad

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



12566591



54527



16747227

Complementary

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



12566591



4210624

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.



14851839



12566591



51711

Square

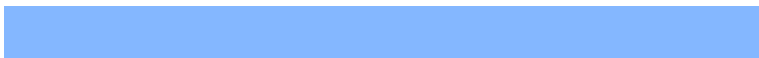
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



12566591



55254



8697855



16746144

Rectangle

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



12566591



3527557



8697855



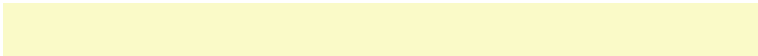
16748526

Sweetspot

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



12566591



16448200



12599103



8224095



16579836



8224125

Same Dimension

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



12566591



16316975



8437823



6381911



10461440



2171136

Inverse Universe

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



4210624



3223546



8404928



5724001



65697



33

Previews

White Background



This preview shows how the Decimal color 12566591 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 12566591 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 12566591 Background



This preview shows how black text looks on a background with the Decimal color 12566591.



This preview shows how white text looks on a background with the Decimal color 12566591.

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
12566591

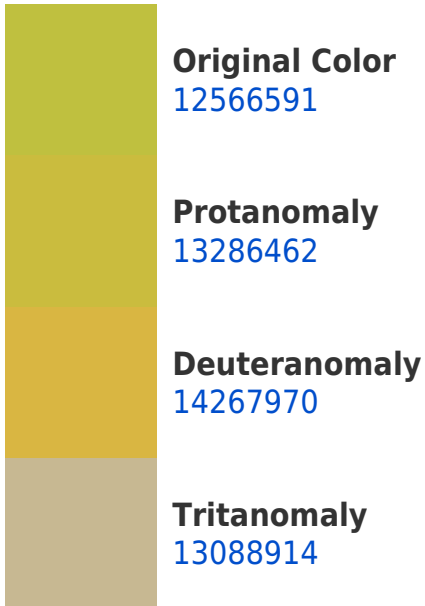
Protanopia
13679165

Deuteranopia
15249732



Tritanopia
13349826

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 12566591 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 #BFC03F looks like.

```
.text, #text, p{  
    color:#BFC03F  
}
```

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 #BFC03F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFC03F
}
```

Border

The CSS property to change the border of an element to Decimal 12566591 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
#BFC03F }
```

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

```
.border{ border-color:#BFC03F }
```

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

Here you see how a box with a 4 pixel #BFC03F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFC03F; -webkit-box-shadow:4px 4px  
4px 4px #BFC03F; box-shadow:4px 4px 4px  
4px #BFC03F }
```

Background

The CSS property to change the background color of an element to Decimal 12566591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFC03F }
```

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

```
.background{ background-color:#BFC03F }
```

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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