

Converting Colors

Decimal(12506736)

Have a look what the booklet for
Decimal(12506736) contains.

Decimal(12506736)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(12506736)

Conversions

Conversions Part 1

Format	Color
Hex	BED670
RGB	190, 214, 112
RGB Percent	75%, 84%, 44%
CMY	0.2549, 0.1608, 0.5608
CMYK	0.11, 0.00, 0.48, 0.16
HSL	74°, 55%, 64%
HSV	74°, 48%, 84%
XYZ	48.2064, 60.2101, 24.4102
YIQ	195.1960, 18.4380, -36.8100

Conversions

Conversions Part 2

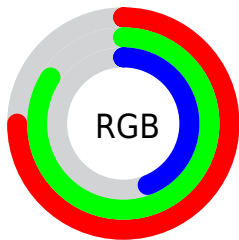
Format	Color
RYB	112, 214, 136
Decimal	12506736
CIELab	81.95, -23.47, 47.39
CIELCh	82, 52.878, 116.345
Yxy	60.2101, 0.3629, 0.4533
Android (android.graphics.Color)	4290696816 (0xFFBED670)
YUV	195.1960, -41.0156, -4.5569
Hunter-Lab	77.5952, -24.8976, 35.6649

Details

The Decimal color **12506736** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **8941782**, and the grayscale version is **12895428**.

A 20% lighter version of the original color is **16318374**, and **8888124** is the 20% darker color. If you saturate the color by 10%, you get **12179035**, and if you desaturate by 10%, it is **12834437**.

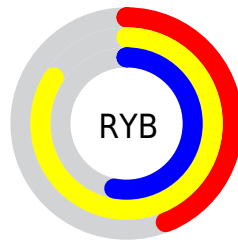
Distribution



Red (75%)

Green (84%)

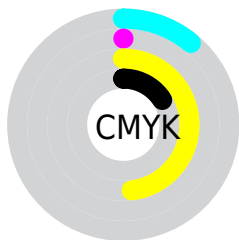
Blue (44%)



Red (44%)

Yellow (84%)

Blue (53%)

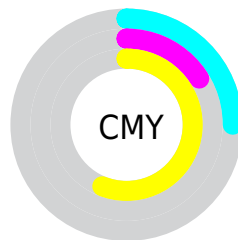


Cyan (11%)

Magenta (0%)

Yellow (48%)

Black (16%)



Cyan (25%)

Magenta (16%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12506736 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 12506736 by changing the saturation by 10% instead.

 12506736

 12506736


16777215

 10664534

 16318374

 8888124

 16777153

 7111970

 16777182

 5401601

 16777211

 3756800

 2046976

 140800

 3328

 0

 12506736

 12506736

 12179035


 12834437

 11851333

 13162139

 11523632

 13489840

 11195930

 13817542


 10868229

 14145243

 10802688

 14472944

 14800639

 15128319

 15455999

Harmonies

Analogous

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



15779687



12506736



8577171

Triad

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



12506736



57343



16753876

Complementary

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



12506736



8941782

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.



16756735



12506736



7066623

Square

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



12506736



58870



13091327



16754594

Rectangle

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



12506736



5039283



13091327



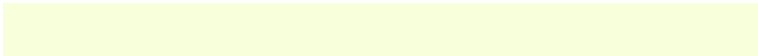
16754405

Sweetspot

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



12506736



16252891



14059632



8028266



0



8421504

Same Dimension

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



12506736



14548846



9164400



6908768



8628992



2173696

Inverse Universe

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



8941782



9465599



12284118



6512747



2621611



655403

Previews

White Background



This preview shows how the Decimal color 12506736 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 12506736 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 12506736 Background



This preview shows how black text looks on a background with the Decimal color 12506736.

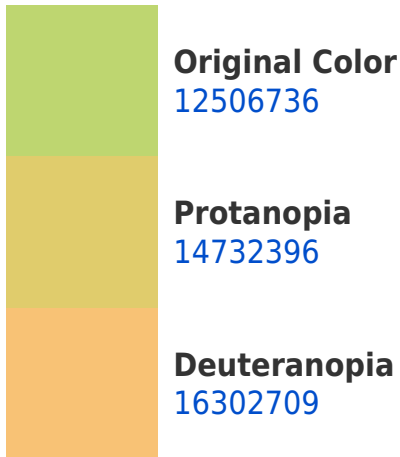


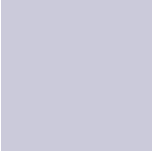
This preview shows how white text looks on a background with the Decimal color 12506736.

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
13355738

Trichromacy



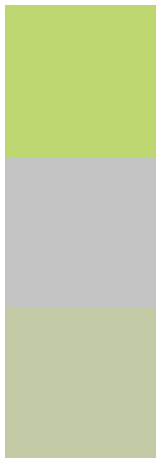
Original Color
12506736

Protanomaly
13946989

Deuteranomaly
14928243

Tritanomaly
13029043

Monochromacy



Original Color
12506736

Achromatopsia
12829635

Achromatomaly
12700325

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12506736 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 #BED670 looks like.

```
.text, #text, p{  
    color:#BED670  
}
```

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 #BED670 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BED670  
}
```

Border

The CSS property to change the border of an element to Decimal 12506736 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  
#BED670 }
```

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

```
.border{ border-color:#BED670 }
```

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

Here you see how a box with a 4 pixel #BED670 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BED670; -webkit-box-shadow:4px 4px  
4px 4px #BED670; box-shadow:4px 4px 4px  
4px #BED670 }
```

Background

The CSS property to change the background color of an element to Decimal 12506736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BED670 }
```

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

```
.background{ background-color:#BED670 }
```

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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