

Converting Colors

Decimal(12510005)

Have a look what the booklet for
Decimal(12510005) contains.

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Color

Decimal(12510005)

Conversions

Conversions Part 1

Format	Color
Hex	BEE335
RGB	190, 227, 53
RGB Percent	75%, 89%, 21%
CMY	0.2549, 0.1098, 0.7922
CMYK	0.16, 0.00, 0.77, 0.11
HSL	73°, 76%, 55%
HSV	73°, 77%, 89%
XYZ	49.3469, 66.1424, 13.5341
YIQ	196.1010, 33.8020, -61.9580

Conversions

Conversions Part 2

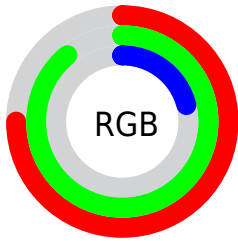
Format	Color
RYB	53, 227, 90
Decimal	12510005
CIELab	85.07, -33.78, 74.44
CIELCh	85, 81.750, 114.407
Yxy	66.1424, 0.3825, 0.5126
Android (android.graphics.Color)	4290700085 (0xFFBEE335)
YUV	196.1010, -70.5488, -5.3506
Hunter-Lab	81.3280, -34.0165, 47.0629

Details

The Decimal color **12510005** is a light color, and the websafe version is hex **99CC00**. The color can be described as light washed chartreuse. A complement of this color would be **5912035**, and the grayscale version is **12961221**.

A 20% lighter version of the original color is **16449393**, and **8694784** is the 20% darker color. If you saturate the color by 10%, you get **12182302**, and if you desaturate by 10%, it is **12837708**.

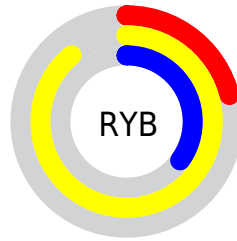
Distribution



Red (75%)

Green (89%)

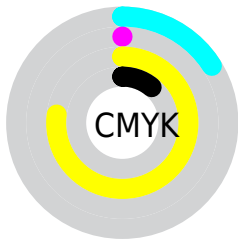
Blue (21%)



Red (21%)

Yellow (89%)

Blue (35%)

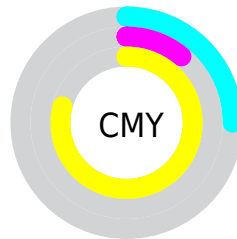


Cyan (16%)

Magenta (0%)

Yellow (77%)

Black (11%)



Cyan (25%)


















Magenta (11%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12510005 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 12510005 by changing the saturation by 10% instead.

 12510005	 12510005
 16777215	 10602246
 16449393	 8694784
 16777102	 6852864
 16777131	 5011200
 16777160	 3104256
 16777189	 869888
	 12032
	 6656
	 0

■ 12510005

■ 12510005

■ 12182302

■ 12837708

■ 11854600

■ 13165410

■ 11789056

■ 13427577

■ 13755280

■ 14082983

■ 14410685

■ 14738388

■ 15066091

■ 15328255

Harmonies

Analogous

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



16763940



12510005



5435765

Triad

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



12510005



62207



16747494

Complementary

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



12510005



5912035

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.



16753919



12510005



58111

Square

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



12510005



63999



12240639



16748697

Rectangle

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



12510005



63144



12240639



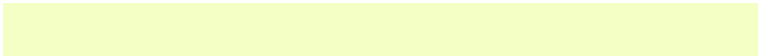
16748799

Sweetspot

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



12510005



15990724



14899253



7897180



0



8421504

Same Dimension

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



12510005



13500180



6939445



7369575



9286400



2634496

Inverse Universe

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



5912035



4592895



11482595



6973299



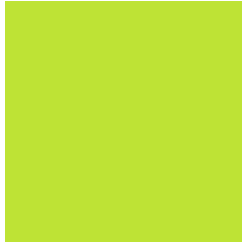
2490547



720947

Previews

White Background



This preview shows how the Decimal color 12510005 looks on a white background.

Color Contrast Check

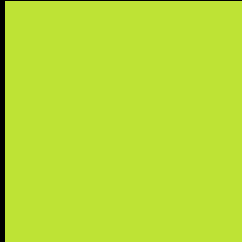
Large Text (above 18pt) WCAG AA × Fail

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 12510005 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 12510005 Background



This preview shows how black text looks on a background with the Decimal color 12510005.

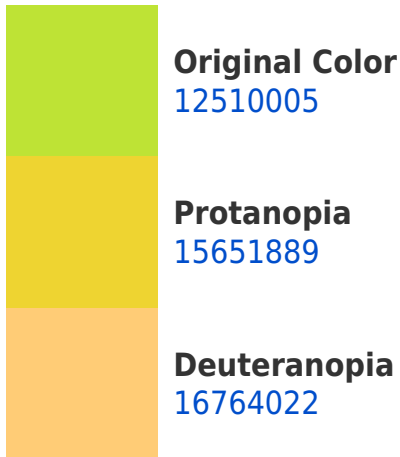


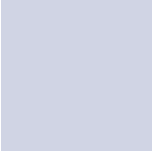
This preview shows how white text looks on a background with the Decimal color 12510005.

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
13685988

Trichromacy



Original Color
12510005

Protanomaly
14539058

Deuteranomaly
15193182

Tritanomaly
13228452

Monochromacy



Original Color
12510005

Achromatopsia
12895428

Achromatomaly
12767120

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12510005 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 #BEE335 looks like.

```
.text, #text, p{  
    color:#BEE335  
}
```

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 #BEE335 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEE335
}
```

Border

The CSS property to change the border of an element to Decimal 12510005 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
#BEE335 }
```

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

```
.border{ border-color:#BEE335 }
```

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

Here you see how a box with a 4 pixel #BEE335 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEE335; -webkit-box-shadow:4px 4px  
4px 4px #BEE335; box-shadow:4px 4px 4px  
4px #BEE335 }
```

Background

The CSS property to change the background color of an element to Decimal 12510005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEE335 }
```

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

```
.background{ background-color:#BEE335 }
```

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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