

Converting Colors

Decimal(7005010)

Have a look what the booklet for
Decimal(7005010) contains.

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Color

Decimal(7005010)

Conversions

Conversions Part 1

Format	Color
Hex	6AE352
RGB	106, 227, 82
RGB Percent	42%, 89%, 32%
CMY	0.5843, 0.1098, 0.6784
CMYK	0.53, 0.00, 0.64, 0.11
HSL	110°, 72%, 61%
HSV	110°, 64%, 89%
XYZ	34.9359, 58.6115, 17.4545
YIQ	174.2910, -25.5710, -70.7470

Conversions

Conversions Part 2

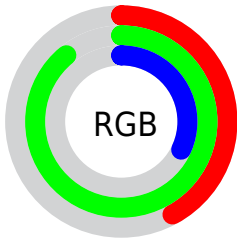
Format	Color
RYB	82, 227, 203
Decimal	7005010
CIELab	81.08, -60.27, 58.73
CIELCh	81, 84.156, 135.744
Yxy	58.6115, 0.3147, 0.5280
Android (android.graphics.Color)	4285195090 (0xFF6AE352)
YUV	174.2910, -45.4995, -59.8912
Hunter-Lab	76.5582, -52.5216, 40.0732

Details

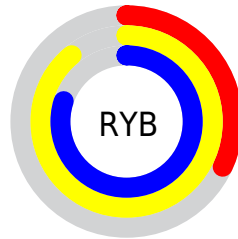
The Decimal color **7005010** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **13325027**, and the grayscale version is **11513775**.

A 20% lighter version of the original color is **10944393**, and **2337301** is the 20% darker color. If you saturate the color by 10%, you get **5759803**, and if you desaturate by 10%, it is **8250217**.

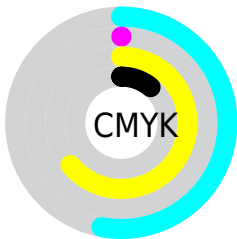
Distribution



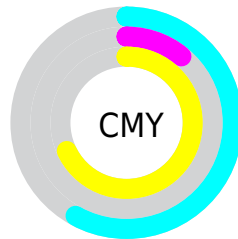
- Red (42%)
- Green (89%)
- Blue (32%)



- Red (32%)
- Yellow (89%)
- Blue (80%)



- Cyan (53%)
- Magenta (0%)
- Yellow (64%)
- Black (11%)



- Cyan (58%)
- Magenta (11%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7005010 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 7005010 by changing the saturation by 10% instead.

 7005010

 7005010

16777215

 4900406

 10944393

 2337301

 12910501

 36608

 14876609

 29952

 16777182

 23296

 16777211

 16896

 11008

 1792

 0

■ 7005010

■ 7005010

■ 5759803

■ 8250217

■ 4514597

■ 9495423

■ 3269390

■ 10740630

■ 2548480

■ 11985837

■ 13231043

■ 14476250

■ 15721457

■ 16770047

Harmonies

Analogous

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



13226496



7005010



60576

Triad

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



7005010



56831



16743331

Complementary

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



7005010



13325027

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.



16744690



7005010



7718143

Square

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



7005010



60159



16753151



16750170

Rectangle

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



7005010



61143



16753151



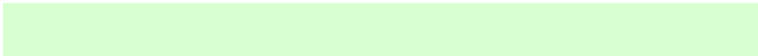
16742589

Sweetspot

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



7005010



14155727



14928722



6783074



0



8421504

Same Dimension

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



7005010



6029115



5432194



6910823



2011904



537344

Inverse Universe

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



13325027



14629887



14897843



7432051



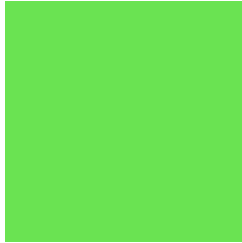
9765043



2818099

Previews

White Background



This preview shows how the Decimal color 7005010 looks on a white background.

Color Contrast Check

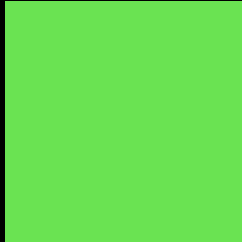
Large Text (above 18pt) WCAG AA × Fail

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 7005010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

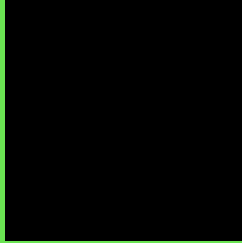
Any Text WCAG AA ✓ Pass

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 7005010 Background



This preview shows how black text looks on a background with the Decimal color 7005010.

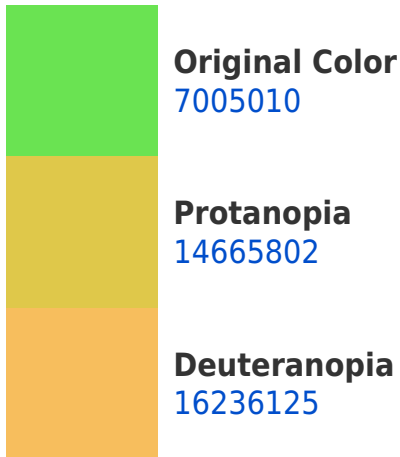


This preview shows how white text looks on a background with the Decimal color 7005010.

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
8967398

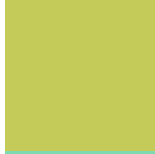
Trichromacy



Original Color
7005010



Protanomaly
11850317



Deuteranomaly
12897113

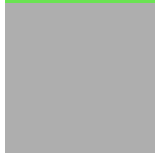


Tritanomaly
8247728

Monochromacy



Original Color
7005010



Achromatopsia
11447982



Achromatomaly
9814413

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7005010 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 #6AE352 looks like.

```
.text, #text, p{  
    color:#6AE352  
}
```

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 #6AE352 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AE352
}
```

Border

The CSS property to change the border of an element to Decimal 7005010 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
#6AE352 }
```

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

```
.border{ border-color:#6AE352 }
```

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

Here you see how a box with a 4 pixel #6AE352 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AE352; -webkit-box-shadow:4px 4px  
4px 4px #6AE352; box-shadow:4px 4px 4px  
4px #6AE352 }
```

Background

The CSS property to change the background color of an element to Decimal 7005010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AE352 }
```

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

```
.background{ background-color:#6AE352 }
```

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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