

Converting Colors

Decimal(7004263)

Have a look what the booklet for
Decimal(7004263) contains.

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Color

Decimal(7004263)

Conversions

Conversions Part 1

Format	Color
Hex	6AE067
RGB	106, 224, 103
RGB Percent	42%, 88%, 40%
CMY	0.5843, 0.1216, 0.5961
CMYK	0.53, 0.00, 0.54, 0.12
HSL	119°, 66%, 64%
HSV	119°, 54%, 88%
XYZ	35.0477, 57.3548, 22.0553
YIQ	174.9240, -31.4870, -62.6470

Conversions

Conversions Part 2

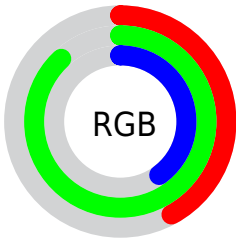
Format	Color
RYB	103, 224, 221
Decimal	7004263
CIELab	80.38, -56.88, 48.71
CIELCh	80, 74.889, 139.423
Yxy	57.3548, 0.3062, 0.5011
Android (android.graphics.Color)	4285194343 (0xFF6AE067)
YUV	174.9240, -35.4585, -60.4463
Hunter-Lab	75.7329, -49.9264, 35.7463

Details

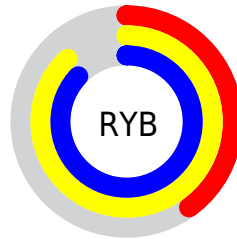
The Decimal color **7004263** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **14510048**, and the grayscale version is **11513775**.

A 20% lighter version of the original color is **10878877**, and **2598963** is the 20% darker color. If you saturate the color by 10%, you get **5562449**, and if you desaturate by 10%, it is **8446077**.

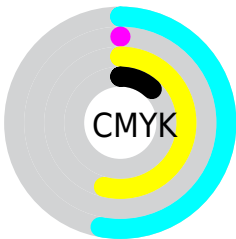
Distribution



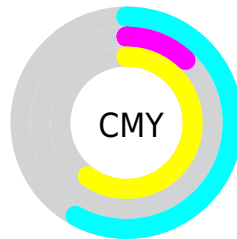
- Red (42%)
- Green (88%)
- Blue (40%)



- Red (40%)
- Yellow (88%)
- Blue (87%)



- Cyan (53%)
- Magenta (0%)
- Yellow (54%)
- Black (12%)



- Cyan (58%)
- Magenta (12%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7004263 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 7004263 by changing the saturation by 10% instead.

 7004263

 7004263

16777215

 4965453

 10878877

 2598963

 12844984

 36117

 14811093

 29184

 16777202

 22528

 16384

 10496

 768

 0

 7004263

 7004263

 5562449

 8446077

 4120634

 9887892

 2678820

 11329706

 1302541

 12705985

 450560

 14147799

 15589613

 16769279

Harmonies

Analogous

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



12636723



7004263



59307

Triad

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



7004263



55295



16746653

Complementary

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



7004263



14510048

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.



16746723



7004263



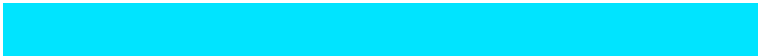
10141695

Square

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



7004263



58623



16753151



16752478

Rectangle

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



7004263



59868



16753151



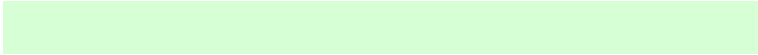
16745908

Sweetspot

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



7004263



14155734



14736487



6848615



0



8421504

Same Dimension

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



7004263



6160217



6807711



6647909



307200



77824

Inverse Universe

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



14510048



16472575



14706600



7366000



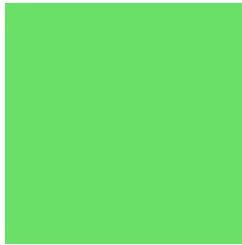
11272368



3080240

Previews

White Background



This preview shows how the Decimal color 7004263 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 7004263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

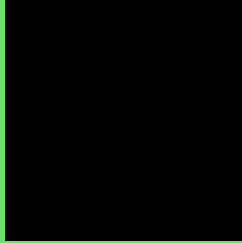
Any Text WCAG AA ✓ Pass

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 7004263 Background



This preview shows how black text looks on a background with the Decimal color 7004263.

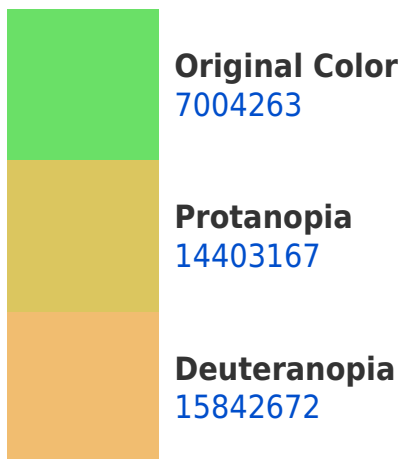


This preview shows how white text looks on a background with the Decimal color 7004263.

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





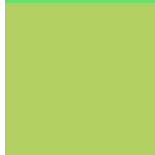
Tritanopia
8770532

Trichromacy



Original Color

7004263



Protanomaly

11718498



Deuteranomaly

12634733



Tritanomaly

8116407

Monochromacy



Original Color

7004263



Achromatopsia

11513775



Achromatomaly

9879957

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7004263 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 #6AE067 looks like.

```
.text, #text, p{  
    color:#6AE067  
}
```

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 #6AE067 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AE067
}
```

Border

The CSS property to change the border of an element to Decimal 7004263 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
#6AE067 }
```

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

```
.border{ border-color:#6AE067 }
```

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

Here you see how a box with a 4 pixel #6AE067 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AE067; -webkit-box-shadow:4px 4px  
4px 4px #6AE067; box-shadow:4px 4px 4px  
4px #6AE067 }
```

Background

The CSS property to change the background color of an element to Decimal 7004263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AE067 }
```

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

```
.background{ background-color:#6AE067 }
```

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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