

Converting Colors

Decimal(6213750)

Have a look what the booklet for
Decimal(6213750) contains.

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Color

Decimal(6213750)

Conversions

Conversions Part 1

Format	Color
Hex	5ED076
RGB	94, 208, 118
RGB Percent	37%, 82%, 46%
CMY	0.6314, 0.1843, 0.5373
CMYK	0.55, 0.00, 0.43, 0.18
HSL	133°, 55%, 59%
HSV	133°, 55%, 82%
XYZ	30.4420, 48.7994, 24.9543
YIQ	163.6540, -39.0540, -52.1580

Conversions

Conversions Part 2

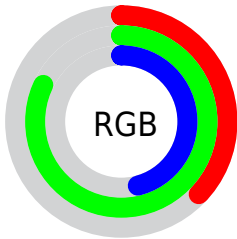
Format	Color
RYB	94, 188, 208
Decimal	6213750
CIELab	75.33, -51.55, 35.07
CIELCh	75, 62.348, 145.776
Yxy	48.7994, 0.2922, 0.4683
Android (android.graphics.Color)	4284403830 (0xFF5ED076)
YUV	163.6540, -22.5074, -61.0866
Hunter-Lab	69.8566, -44.4626, 27.7199

Details

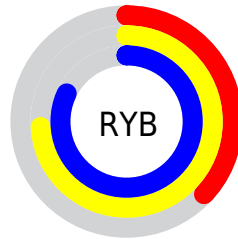
The Decimal color **6213750** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **13655736**, and the grayscale version is **10790052**.

A 20% lighter version of the original color is **10026923**, and **1612100** is the 20% darker color. If you saturate the color by 10%, you get **4837478**, and if you desaturate by 10%, it is **7590022**.

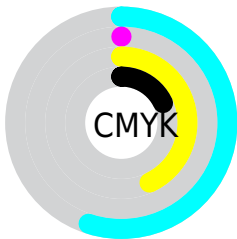
Distribution



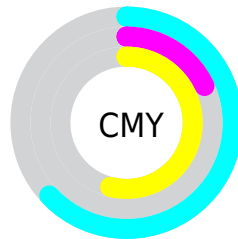
- Red (37%)
- Green (82%)
- Blue (46%)



- Red (37%)
- Yellow (74%)
- Blue (82%)



- Cyan (55%)
- Magenta (0%)
- Yellow (43%)
- Black (18%)



- Cyan (63%)
- Magenta (18%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6213750 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 6213750 by changing the saturation by 10% instead.

 6213750

 6213750

16777215

 4174941

 10026923

 1612100

 11927495

 32300

 13893603

 25619

 15859711

 19200

 13056

 6912

 0

 6213750

 6213750

 4837478

 7590022

 3461205

 8966295

 2150469

 10277031

 774196

 11653304

 53292

 13029576

 14405849

 15782121

 16765177

 16765183

Harmonies

Analogous

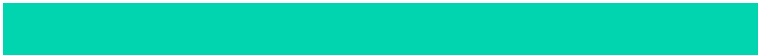
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



11060555



6213750



54703

Triad

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



6213750



49919



16747403

Complementary

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



6213750



13655736

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.



16746436



6213750



11448063

Square

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



6213750



53247



16291579



16752219

Rectangle

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



6213750



54999



16291579



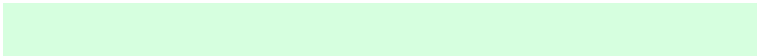
16746397

Sweetspot

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



6213750



14090207



12177502



6783084



0



8421504

Same Dimension

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



6213750



5767034



6213806



6187360



43043



10505

Inverse Universe

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



13655736



16734172



13655680



6905446



11010181



2687008

Previews

White Background



This preview shows how the Decimal color 6213750 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 6213750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

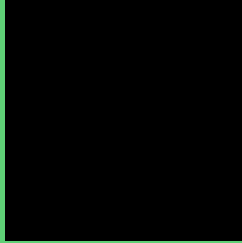
Any Text WCAG AA ✓ Pass

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 6213750 Background



This preview shows how black text looks on a background with the Decimal color 6213750.

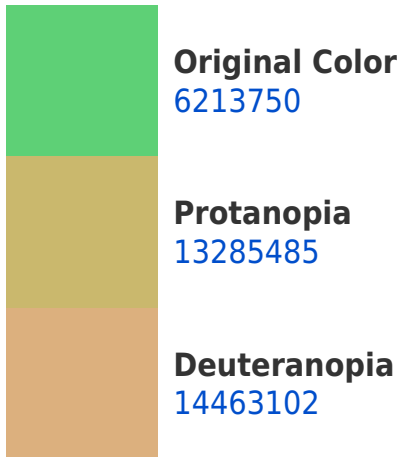


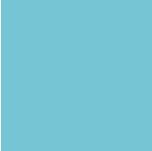
This preview shows how white text looks on a background with the Decimal color 6213750.

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](#).

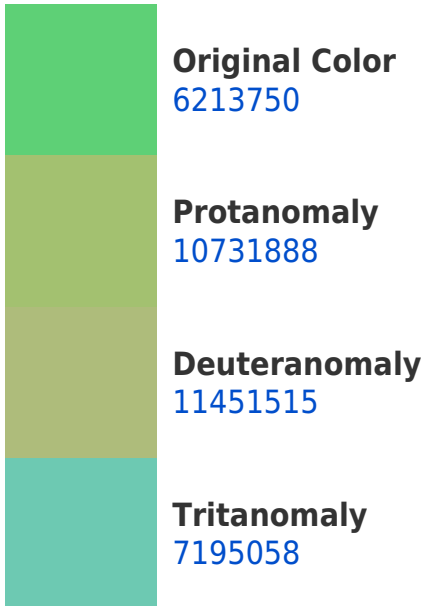
Dichromacy





Tritanopia
7783893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6213750 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 #5ED076 looks like.

```
.text, #text, p{  
    color:#5ED076  
}
```

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 #5ED076 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5ED076  
}
```

Border

The CSS property to change the border of an element to Decimal 6213750 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  
#5ED076 }
```

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

```
.border{ border-color:#5ED076 }
```

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

Here you see how a box with a 4 pixel #5ED076 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5ED076; -webkit-box-shadow:4px 4px  
4px 4px #5ED076; box-shadow:4px 4px 4px  
4px #5ED076 }
```

Background

The CSS property to change the background color of an element to Decimal 6213750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5ED076 }
```

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

```
.background{ background-color:#5ED076 }
```

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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