

Converting Colors

Decimal(6537021)

Have a look what the booklet for
Decimal(6537021) contains.

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Color

Decimal(6537021)

Conversions

Conversions Part 1

Format	Color
Hex	63BF3D
RGB	99, 191, 61
RGB Percent	39%, 75%, 24%
CMY	0.6118, 0.2510, 0.7608
CMYK	0.48, 0.00, 0.68, 0.25
HSL	102°, 52%, 49%
HSV	102°, 68%, 75%
XYZ	24.6187, 40.2512, 10.8866
YIQ	148.6720, -13.1020, -59.9340

Conversions

Conversions Part 2

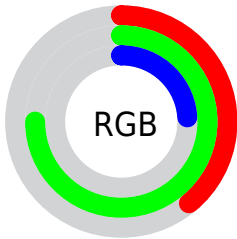
Format	Color
RYB	61, 191, 153
Decimal	6537021
CIELab	69.65, -50.45, 54.84
CIELCh	70, 74.518, 132.612
Yxy	40.2512, 0.3250, 0.5313
Android (android.graphics.Color)	4284727101 (0xFF63BF3D)
YUV	148.6720, -43.2223, -43.5623
Hunter-Lab	63.4438, -41.7616, 34.2368

Details

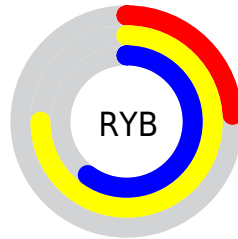
The Decimal color **6537021** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **10042815**, and the grayscale version is **9803157**.

A 20% lighter version of the original color is **10287219**, and **2394368** is the 20% darker color. If you saturate the color by 10%, you get **5619498**, and if you desaturate by 10%, it is **7454544**.

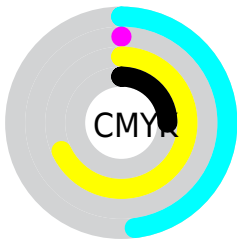
Distribution



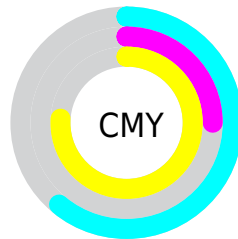
- Red (39%)
- Green (75%)
- Blue (24%)



- Red (24%)
- Yellow (75%)
- Blue (60%)



- Cyan (48%)
- Magenta (0%)
- Yellow (68%)
- Black (25%)



- Cyan (61%)
- Magenta (25%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6537021 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 6537021 by changing the saturation by 10% instead.

■ 6537021

■ 6537021

16777215

■ 4563744

■ 10287219

■ 2394368

■ 12189582

■ 28160

■ 14155690

■ 21760

■ 16121798

■ 15616

■ 16777187

■ 9984

■ 0

■ 6537021

■ 6537021

■ 5619498

■ 7454544

■ 4767511

■ 8306531

■ 3849988

■ 9224054

■ 3718912

■ 10076041

■ 10993565

■ 11845552

■ 12763075

■ 13615062

■ 14532585

Harmonies

Analogous

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



11579392



6537021



51071

Triad

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



6537021



48639



16737936

Complementary

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



6537021



10042815

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.



16739796



6537021



4827391

Square

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



6537021



51199



13732863



16743249

Rectangle

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



6537021



51630



13732863



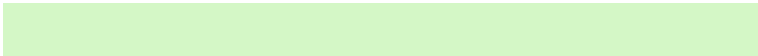
16737703

Sweetspot

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



6537021



13957062



12556349



6847839



16579836



8224125

Same Dimension

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



6537021



6879021



4046679



5791317



3055104



597760

Inverse Universe

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



10042815



12332535



12533157



6051166



7340190



1441823

Previews

White Background



This preview shows how the Decimal color 6537021 looks on a white background.

Color Contrast Check

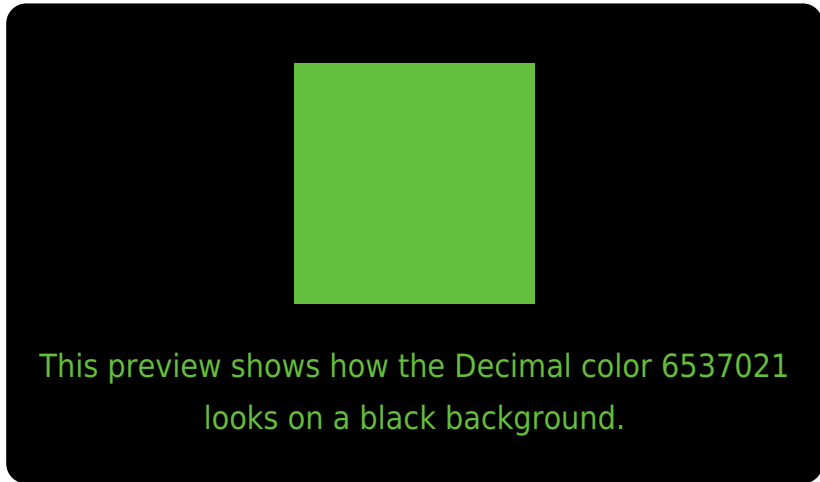
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 6537021 Background



This preview shows how black text looks on a background with the Decimal color 6537021.



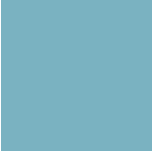
This preview shows how white text looks on a background with the Decimal color 6537021.

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](#).

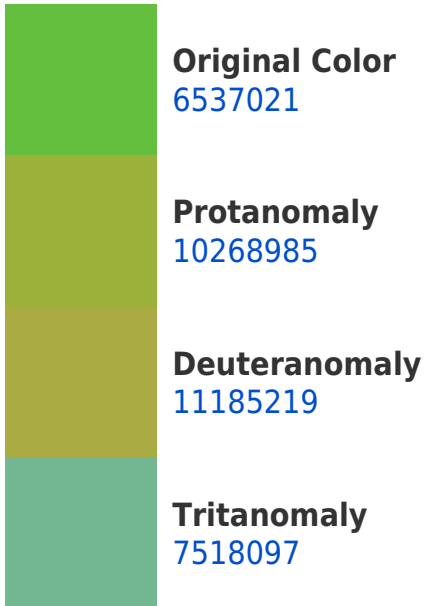
Dichromacy





Tritanopia
8041153

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6537021 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 #63BF3D looks like.

```
.text, #text, p{  
    color:#63BF3D  
}
```

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 #63BF3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63BF3D
}
```

Border

The CSS property to change the border of an element to Decimal 6537021 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
#63BF3D }
```

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

```
.border{ border-color:#63BF3D }
```

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

Here you see how a box with a 4 pixel #63BF3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63BF3D; -webkit-box-shadow:4px 4px  
4px 4px #63BF3D; box-shadow:4px 4px 4px  
4px #63BF3D }
```

Background

The CSS property to change the background color of an element to Decimal 6537021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63BF3D }
```

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

```
.background{ background-color:#63BF3D }
```

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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