

Converting Colors

Decimal(6142043)

Have a look what the booklet for
Decimal(6142043) contains.

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Color

Decimal(6142043)

Conversions

Conversions Part 1

Format	Color
Hex	5DB85B
RGB	93, 184, 91
RGB Percent	36%, 72%, 36%
CMY	0.6353, 0.2784, 0.6431
CMYK	0.49, 0.00, 0.51, 0.28
HSL	119°, 40%, 54%
HSV	119°, 51%, 72%
XYZ	23.5430, 37.3635, 15.8686
YIQ	146.1890, -24.3830, -48.2150

Conversions

Conversions Part 2

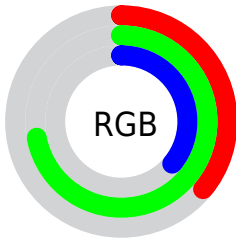
Format	Color
RYB	91, 184, 182
Decimal	6142043
CIELab	67.55, -46.11, 38.80
CIElCh	68, 60.265, 139.923
Yxy	37.3635, 0.3066, 0.4867
Android (android.graphics.Color)	4284332123 (0xFF5DB85B)
YUV	146.1890, -27.2082, -46.6468
Hunter-Lab	61.1257, -38.2193, 27.3960

Details

The Decimal color **6142043** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **11951032**, and the grayscale version is **9605778**.

A 20% lighter version of the original color is **9826703**, and **2130473** is the 20% darker color. If you saturate the color by 10%, you get **4962377**, and if you desaturate by 10%, it is **7321709**.

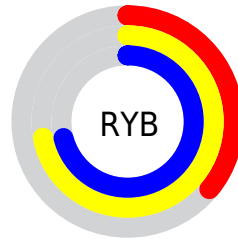
Distribution



Red (36%)

Green (72%)

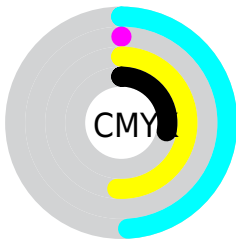
Blue (36%)



Red (36%)

Yellow (72%)

Blue (71%)

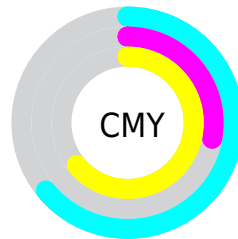


Cyan (49%)

Magenta (0%)

Yellow (51%)

Black (28%)



Cyan (64%)

Magenta (28%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6142043 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 6142043 by changing the saturation by 10% instead.



6142043



6142043

16777215



4234562



9826703



2130473



11730858



26639



13565894



20224



15532002



14080



8704



0



6142043



6142043



4962377



7321709

■ 3782710

■ 8501376

■ 2603044

■ 9681042

■ 1423377

■ 10860709

■ 309248

■ 12040375

■ 13220041

■ 14399708

■ 15579374

■ 16759039

Harmonies

Analogous

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



10464566



6142043



48784

Triad

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



6142043



45311



16741763

Complementary

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



6142043



11951032

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.



16676281



6142043



8756991

Square

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



6142043



48119



13993963



16221779

Rectangle

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



6142043



49078



13993963



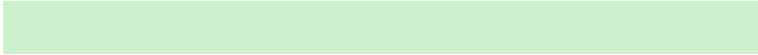
16741269

Sweetspot

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



6142043



13496524



12105051



6518882



16250871



7895160

Same Dimension

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



6142043



6418525



6011014



5463123



236544



72704

Inverse Universe

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



11951032



15556080



12082061



6050652



9961628



1769500

Previews

White Background



This preview shows how the Decimal color 6142043 looks on a white background.

Color Contrast Check

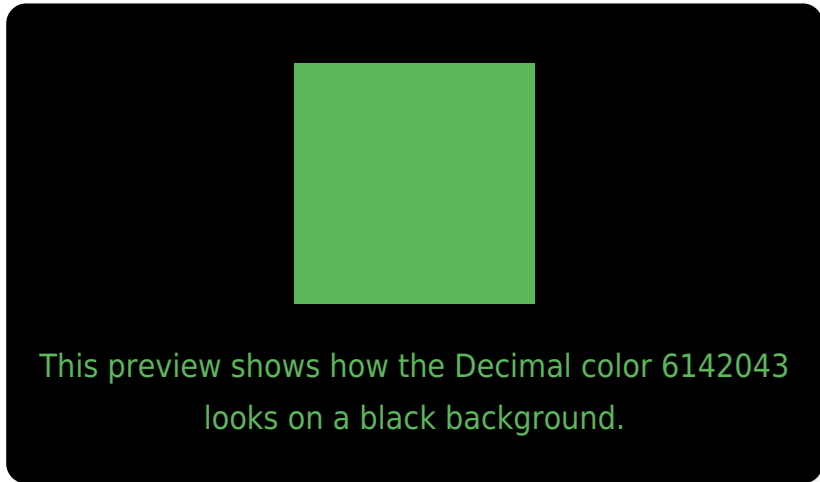
Large Text (above 18pt) WCAG AA × Fail

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

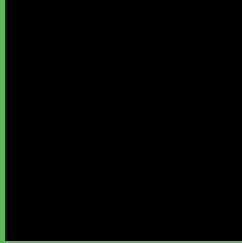
Any Text WCAG AA ✓ Pass

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 6142043 Background



This preview shows how black text looks on a background with the Decimal color 6142043.

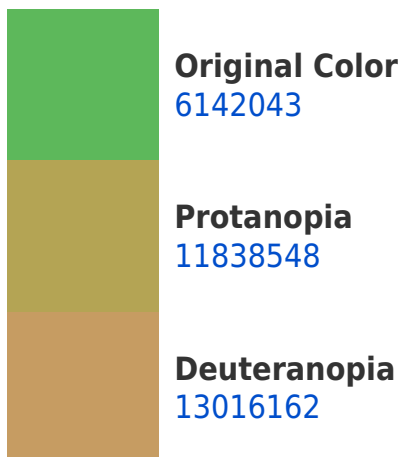


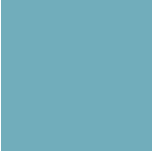
This preview shows how white text looks on a background with the Decimal color 6142043.

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



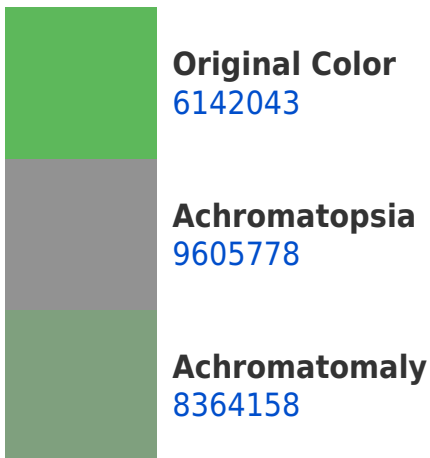


Tritanopia
7450043

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6142043 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 #5DB85B looks like.

```
.text, #text, p{  
    color:#5DB85B  
}
```

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 #5DB85B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DB85B
}
```

Border

The CSS property to change the border of an element to Decimal 6142043 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
#5DB85B }
```

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

```
.border{ border-color:#5DB85B }
```

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

Here you see how a box with a 4 pixel #5DB85B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DB85B; -webkit-box-shadow:4px 4px  
4px 4px #5DB85B; box-shadow:4px 4px 4px  
4px #5DB85B }
```

Background

The CSS property to change the background color of an element to Decimal 6142043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DB85B }
```

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

```
.background{ background-color:#5DB85B }
```

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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