

Converting Colors

Decimal(6141792)

Have a look what the booklet for
Decimal(6141792) contains.

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Color

Decimal(6141792)

Conversions

Conversions Part 1

Format	Color
Hex	5DB760
RGB	93, 183, 96
RGB Percent	36%, 72%, 38%
CMY	0.6353, 0.2824, 0.6235
CMYK	0.49, 0.00, 0.48, 0.28
HSL	122°, 38%, 54%
HSV	122°, 49%, 72%
XYZ	23.5590, 37.0387, 16.9738
YIQ	146.1720, -25.7130, -46.1370

Conversions

Conversions Part 2

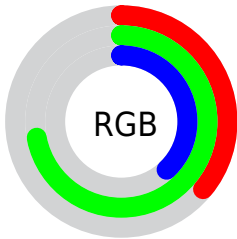
Format	Color
RYB	93, 180, 183
Decimal	6141792
CIELab	67.31, -45.00, 35.99
CIELCh	67, 57.620, 141.344
Yxy	37.0387, 0.3037, 0.4775
Android (android.graphics.Color)	4284331872 (0xFF5DB760)
YUV	146.1720, -24.7348, -46.6318
Hunter-Lab	60.8594, -37.4056, 26.0655

Details

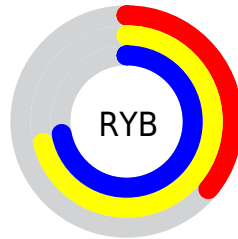
The Decimal color **6141792** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **12017076**, and the grayscale version is **9605778**.

A 20% lighter version of the original color is **9826452**, and **2195759** is the 20% darker color. If you saturate the color by 10%, you get **4962126**, and if you desaturate by 10%, it is **7321458**.

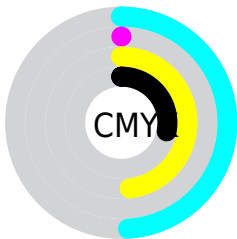
Distribution



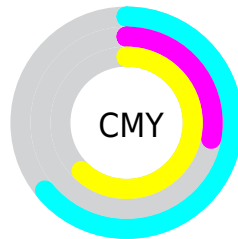
- Red (36%)
- Green (72%)
- Blue (38%)



- Red (36%)
- Yellow (71%)
- Blue (72%)



- Cyan (49%)
- Magenta (0%)
- Yellow (48%)
- Black (28%)



- Cyan (64%)
- Magenta (28%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6141792 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 6141792 by changing the saturation by 10% instead.



6141792



6141792

16777215



4299847



9826452



2195759



11665327



26390



13565899



19968



15466471



13824



8448



0



6141792



6141792



4962126



7321458

■ 3716925

■ 8566659

■ 2537259

■ 9746325

■ 1357593

■ 10925991

■ 177928

■ 12171192

■ 46854

■ 13350858

■ 14530524

■ 15710190

■ 16758783

Harmonies

Analogous

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



10267708



6141792



48275

Triad

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



6141792



44799



16742529

Complementary

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



6141792



12017076

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.



16480181



6141792



9215231

Square

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



6141792



47604



13993957



15894612

Rectangle

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



6141792



48567



13993957



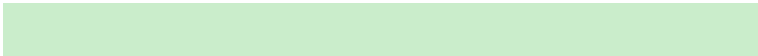
16741778

Sweetspot

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



6141792



13299147



11843421



6453347



16250871



7895160

Same Dimension

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



6141792



6417766



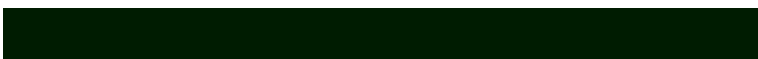
6141837



5463123



39941



7169

Inverse Universe

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



12017076



15557096



12017031



6050651



10223766



1835035

Previews

White Background



This preview shows how the Decimal color 6141792 looks on a white background.

Color Contrast Check

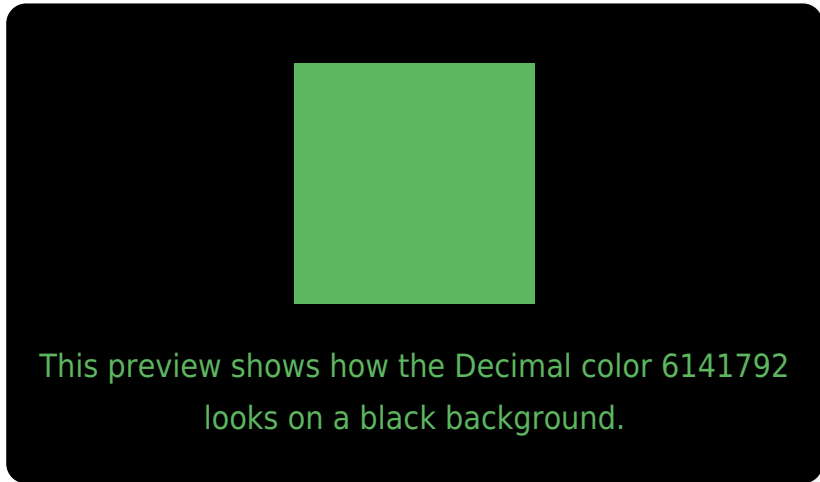
Large Text (above 18pt) WCAG AA × Fail

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

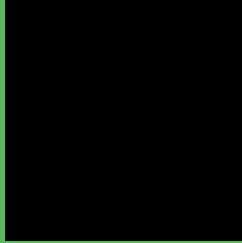
Any Text WCAG AA ✓ Pass

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 6141792 Background



This preview shows how black text looks on a background with the Decimal color 6141792.

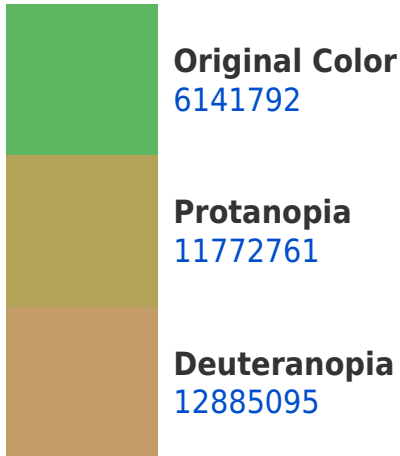


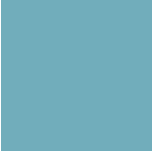
This preview shows how white text looks on a background with the Decimal color 6141792.

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](#).

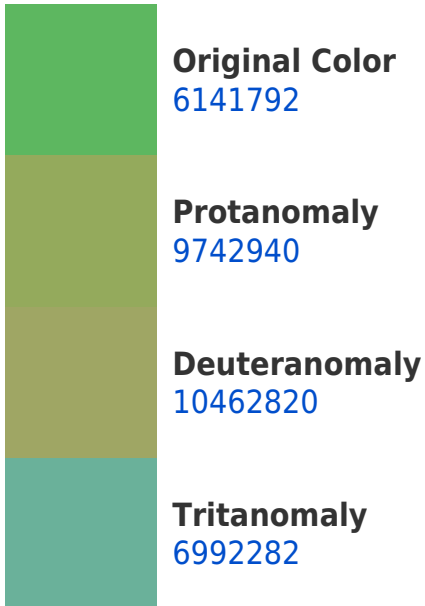
Dichromacy





Tritanopia
7450043

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6141792 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 #5DB760 looks like.

```
.text, #text, p{  
    color:#5DB760  
}
```

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 #5DB760 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DB760
}
```

Border

The CSS property to change the border of an element to Decimal 6141792 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
#5DB760 }
```

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

```
.border{ border-color:#5DB760 }
```

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

Here you see how a box with a 4 pixel #5DB760 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DB760; -webkit-box-shadow:4px 4px  
4px 4px #5DB760; box-shadow:4px 4px 4px  
4px #5DB760 }
```

Background

The CSS property to change the background color of an element to Decimal 6141792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DB760 }
```

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

```
.background{ background-color:#5DB760 }
```

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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