

Converting Colors

Decimal(6219595)

Have a look what the booklet for
Decimal(6219595) contains.

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Color

Decimal(6219595)

Conversions

Conversions Part 1

Format	Color
Hex	5EE74B
RGB	94, 231, 75
RGB Percent	37%, 91%, 29%
CMY	0.6314, 0.0941, 0.7059
CMYK	0.59, 0.00, 0.68, 0.09
HSL	113°, 76%, 60%
HSV	113°, 68%, 91%
XYZ	34.4620, 60.0395, 16.4291
YIQ	172.2530, -31.5760, -77.5600

Conversions

Conversions Part 2

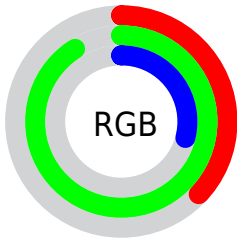
Format	Color
RYB	75, 231, 212
Decimal	6219595
CIELab	81.86, -65.27, 62.25
CIELCh	82, 90.196, 136.358
Yxy	60.0395, 0.3107, 0.5412
Android (android.graphics.Color)	4284409675 (0xFF5EE74B)
YUV	172.2530, -47.9457, -68.6279
Hunter-Lab	77.4852, -56.2101, 41.6684

Details

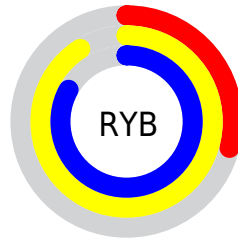
The Decimal color **6219595** is a dark color, and the websafe version is hex **66FF66**. The color can be described as dark muted green. A complement of this color would be **13913063**, and the grayscale version is **11382189**.

A 20% lighter version of the original color is **10354563**, and **44545** is the 20% darker color. If you saturate the color by 10%, you get **4908852**, and if you desaturate by 10%, it is **7530338**.

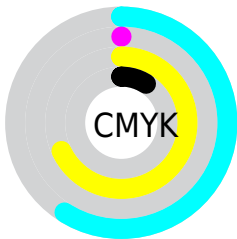
Distribution



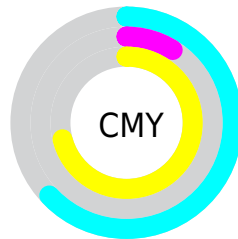
- Red (37%)
- Green (91%)
- Blue (29%)



- Red (29%)
- Yellow (91%)
- Blue (83%)



- Cyan (59%)
- Magenta (0%)
- Yellow (68%)
- Black (9%)



- Cyan (63%)
- Magenta (9%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6219595 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 6219595 by changing the saturation by 10% instead.

 6219595

 6219595

16777215

 3852845

 10354563

 44545

 12320671

 37632

 14352315

 30720

 16383960

 24064

 16777205

 17408

 11520

 3328

 0

■ 6219595

■ 6219595

■ 4908852

■ 7530338

■ 3532573

■ 8906617

■ 2221830

■ 10217360

■ 1894144

■ 11528103

■ 12838847

■ 14215126

■ 15525869

■ 16771071

Harmonies

Analogous

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



13096448



6219595



61601

Triad

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



6219595



57599



16741537

Complementary

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



6219595



13913063

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.



16742902



6219595



7194111

Square

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



6219595



61183



16752639



16749650

Rectangle

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



6219595



62172



16752639



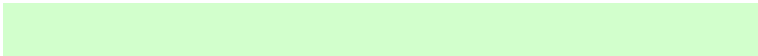
16740541

Sweetspot

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



6219595



13828044



15192651



6652001



0



8421504

Same Dimension

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



6219595



4914992



4974468



6910823



1487616



406272

Inverse Universe

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



13913063



15085823



15158190



7432051



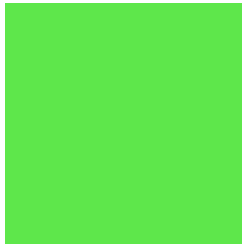
10289331



2949171

Previews

White Background



This preview shows how the Decimal color 6219595 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 6219595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

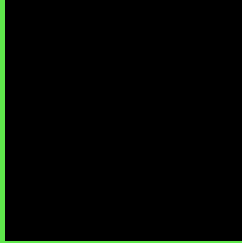
Any Text WCAG AA ✓ Pass

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 6219595 Background



This preview shows how black text looks on a background with the Decimal color 6219595.

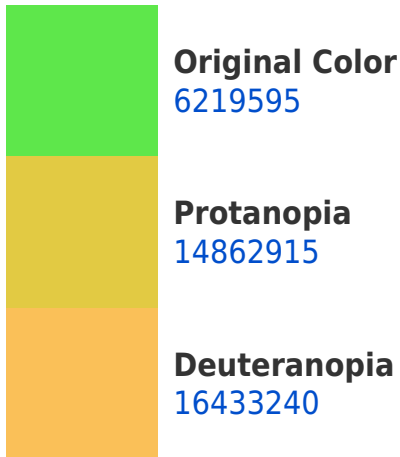


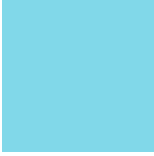
This preview shows how white text looks on a background with the Decimal color 6219595.

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
8509673

Trichromacy



Original Color
6219595



Protanomaly
11720006



Deuteranomaly
12701267



Tritanomaly
7658928

Monochromacy



Original Color
6219595



Achromatopsia
11316396



Achromatomaly
9486729

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6219595 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 #5EE74B looks like.

```
.text, #text, p{  
    color:#5EE74B  
}
```

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 #5EE74B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EE74B
}
```

Border

The CSS property to change the border of an element to Decimal 6219595 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
#5EE74B }
```

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

```
.border{ border-color:#5EE74B }
```

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

Here you see how a box with a 4 pixel #5EE74B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EE74B; -webkit-box-shadow:4px 4px  
4px 4px #5EE74B; box-shadow:4px 4px 4px  
4px #5EE74B }
```

Background

The CSS property to change the background color of an element to Decimal 6219595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EE74B }
```

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

```
.background{ background-color:#5EE74B }
```

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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