

Converting Colors

Decimal(5825896)

Have a look what the booklet for
Decimal(5825896) contains.

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Color

Decimal(5825896)

Conversions

Conversions Part 1

Format	Color
Hex	58E568
RGB	88, 229, 104
RGB Percent	35%, 90%, 41%
CMY	0.6549, 0.1020, 0.5922
CMYK	0.62, 0.00, 0.55, 0.10
HSL	127°, 73%, 62%
HSV	127°, 62%, 90%
XYZ	34.5425, 59.1128, 22.6860
YIQ	172.5910, -43.9110, -68.7670

Conversions

Conversions Part 2

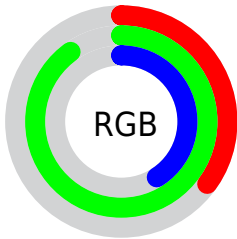
Format	Color
RYB	88, 215, 229
Decimal	5825896
CIELab	81.35, -62.81, 49.28
CIELCh	81, 79.840, 141.882
Yxy	59.1128, 0.2969, 0.5081
Android (android.graphics.Color)	4284015976 (0xFF58E568)
YUV	172.5910, -33.8154, -74.1863
Hunter-Lab	76.8849, -54.3528, 36.3250

Details

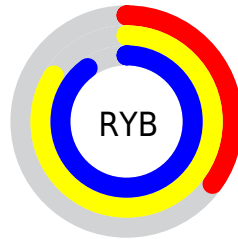
The Decimal color **5825896** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **15030485**, and the grayscale version is **11382189**.

A 20% lighter version of the original color is **9961374**, and **44083** is the 20% darker color. If you saturate the color by 10%, you get **4318548**, and if you desaturate by 10%, it is **7333244**.

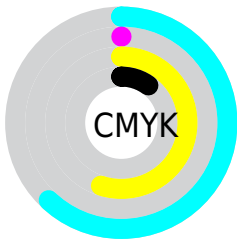
Distribution



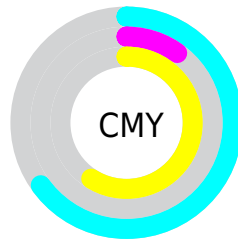
- Red (35%)
- Green (90%)
- Blue (41%)



- Red (35%)
- Yellow (84%)
- Blue (90%)



- Cyan (62%)
- Magenta (0%)
- Yellow (55%)
- Black (10%)



- Cyan (65%)
- Magenta (10%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5825896 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 5825896 by changing the saturation by 10% instead.

■ 5825896

■ 5825896

16777215

■ 3393614

■ 9961374

■ 44083

■ 11927482

■ 37142

■ 13893590

■ 30208

■ 15925235

■ 23552

■ 17152

■ 11008

■ 2304

■ 0

■ 5825896

■ 5825896

■ 4318548

■ 7333244

■ 2811199

■ 8840593

■ 1303851

■ 10347941

■ 58650

■ 11855289

■ 13362638

■ 14804450

■ 16311798

■ 16770559

Harmonies

Analogous

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



12310314



5825896



60595

Triad

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



5825896



55807



16746135

Complementary

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



5825896



15030485

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.



16745442



5825896



10731519

Square

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



5825896



59647



16752127



16752981

Rectangle

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



5825896



60903



16752127



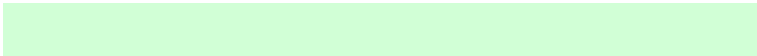
16744879

Sweetspot

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



5825896



13762518



14148952



6520935



0



8421504

Same Dimension

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



5825896



4390744



5825965



6779753



45844



13062

Inverse Universe

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



15030485



16728810



15030416



7563121



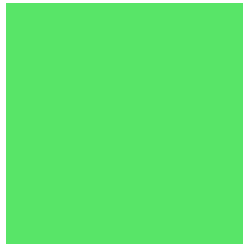
11731102



3342381

Previews

White Background



This preview shows how the Decimal color 5825896 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 5825896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

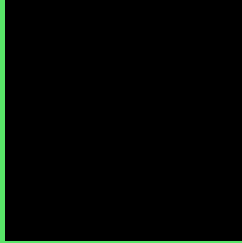
Any Text WCAG AA ✓ Pass

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 5825896 Background



This preview shows how black text looks on a background with the Decimal color 5825896.



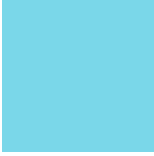
This preview shows how white text looks on a background with the Decimal color 5825896.

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



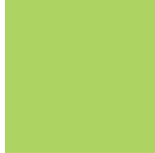


Tritanopia
8050665

Trichromacy



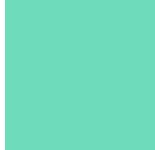
Original Color
5825896



Protanomaly
11391842



Deuteranomaly
12307822

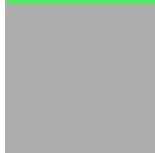


Tritanomaly
7265466

Monochromacy



Original Color
5825896



Achromatopsia
11382189



Achromatomaly
9355668

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5825896 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 #58E568 looks like.

```
.text, #text, p{  
    color:#58E568  
}
```

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 #58E568 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58E568
}
```

Border

The CSS property to change the border of an element to Decimal 5825896 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
#58E568 }
```

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

```
.border{ border-color:#58E568 }
```

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

Here you see how a box with a 4 pixel #58E568 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58E568; -webkit-box-shadow:4px 4px  
4px 4px #58E568; box-shadow:4px 4px 4px  
4px #58E568 }
```

Background

The CSS property to change the background color of an element to Decimal 5825896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58E568 }
```

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

```
.background{ background-color:#58E568 }
```

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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