

Converting Colors

Decimal(5628537)

Have a look what the booklet for
Decimal(5628537) contains.

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Color

Decimal(5628537)

Conversions

Conversions Part 1

Format	Color
Hex	55E279
RGB	85, 226, 121
RGB Percent	33%, 89%, 47%
CMY	0.6667, 0.1137, 0.5255
CMYK	0.62, 0.00, 0.46, 0.11
HSL	135°, 71%, 61%
HSV	135°, 62%, 89%
XYZ	34.3939, 57.7045, 27.4145
YIQ	171.8710, -50.3310, -62.5470

Conversions

Conversions Part 2

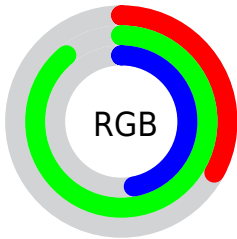
Format	Color
RYB	85, 197, 226
Decimal	5628537
CIELab	80.57, -59.97, 40.22
CIELCh	81, 72.204, 146.152
Yxy	57.7045, 0.2878, 0.4828
Android (android.graphics.Color)	4283818617 (0xFF55E279)
YUV	171.8710, -25.0794, -76.1859
Hunter-Lab	75.9635, -52.1169, 31.7772

Details

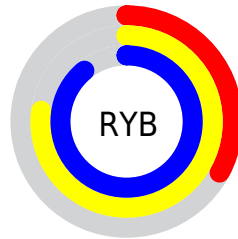
The Decimal color **5628537** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **14833086**, and the grayscale version is **11316396**.

A 20% lighter version of the original color is **9699247**, and **43334** is the 20% darker color. If you saturate the color by 10%, you get **4121192**, and if you desaturate by 10%, it is **7135882**.

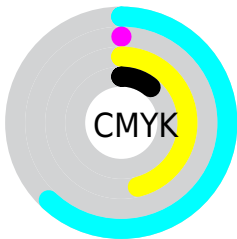
Distribution



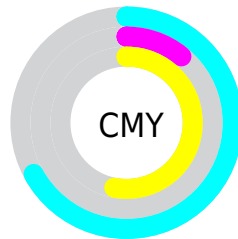
- Red (33%)
- Green (89%)
- Blue (47%)



- Red (33%)
- Yellow (77%)
- Blue (89%)



- Cyan (62%)
- Magenta (0%)
- Yellow (46%)
- Black (11%)



- Cyan (67%)
- Magenta (11%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5628537 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 5628537 by changing the saturation by 10% instead.

■ 5628537

■ 5628537

16777215

■ 3196255

■ 9699247

■ 43334

■ 11665355

■ 36397

■ 13696999

■ 29458

■ 15663103

■ 23040

■ 16384

■ 10496

■ 1024

■ 0

 5628537

 5628537

 4121192

 7135882

 2679383

 8577691

 1172039

 10085035

 57914

 11526844

 13034189

 14541534

 15983343

 16769791

Harmonies

Analogous

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



11654724



5628537



59581

Triad

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



5628537



54015



16748432

Complementary

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



5628537



14833086

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.



16747220



5628537



12237567

Square

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



5628537



57855



16752127



16754520

Rectangle

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



5628537



59883



16752127



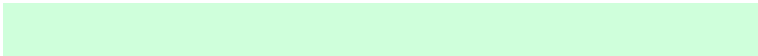
16747430

Sweetspot

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



5628537



13631451



12575317



6455402



0



8421504

Same Dimension

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



5628537



4259697



5628607



6647912



45101



12300

Inverse Universe

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



14833086



16728270



14833016



7365997



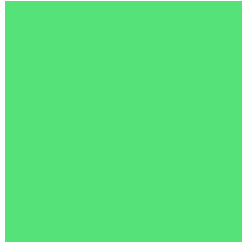
11534467



3145764

Previews

White Background



This preview shows how the Decimal color 5628537 looks on a white background.

Color Contrast Check

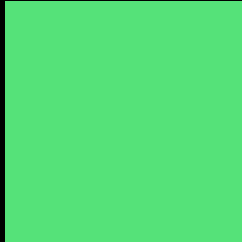
Large Text (above 18pt) WCAG AA × Fail

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 5628537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

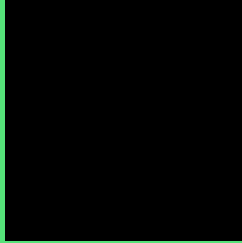
Any Text WCAG AA ✓ Pass

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 5628537 Background



This preview shows how black text looks on a background with the Decimal color 5628537.

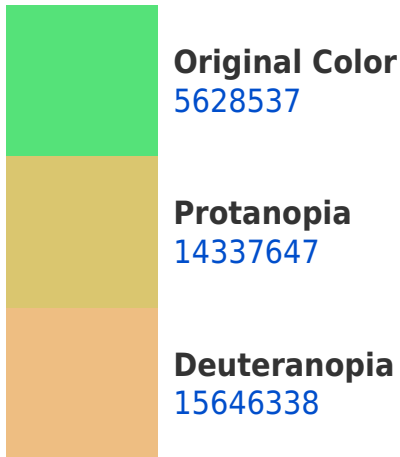


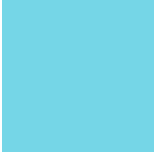
This preview shows how white text looks on a background with the Decimal color 5628537.

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
7722727

Trichromacy



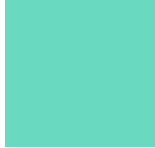
Original Color
5628537



Protanomaly
11194483



Deuteranomaly
11979647



Tritanomaly
6937279

Monochromacy



Original Color
5628537



Achromatopsia
11316396



Achromatomaly
9224345

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5628537 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 #55E279 looks like.

```
.text, #text, p{  
    color:#55E279  
}
```

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 #55E279 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55E279
}
```

Border

The CSS property to change the border of an element to Decimal 5628537 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
#55E279 }
```

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

```
.border{ border-color:#55E279 }
```

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

Here you see how a box with a 4 pixel #55E279 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55E279; -webkit-box-shadow:4px 4px  
4px 4px #55E279; box-shadow:4px 4px 4px  
4px #55E279 }
```

Background

The CSS property to change the background color of an element to Decimal 5628537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55E279 }
```

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

```
.background{ background-color:#55E279 }
```

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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