

Converting Colors

Decimal(5628285)

Have a look what the booklet for
Decimal(5628285) contains.

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Color

Decimal(5628285)

Conversions

Conversions Part 1

Format	Color
Hex	55E17D
RGB	85, 225, 125
RGB Percent	33%, 88%, 49%
CMY	0.6667, 0.1176, 0.5098
CMYK	0.62, 0.00, 0.44, 0.12
HSL	137°, 70%, 61%
HSV	137°, 62%, 88%
XYZ	34.3732, 57.2624, 28.6431
YIQ	171.7400, -51.3400, -60.7800

Conversions

Conversions Part 2

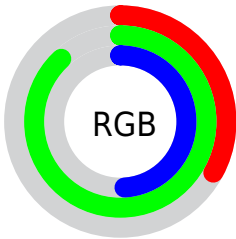
Format	Color
RYB	85, 194, 225
Decimal	5628285
CIELab	80.33, -58.97, 37.93
CIElCh	80, 70.118, 147.251
Yxy	57.2624, 0.2858, 0.4761
Android (android.graphics.Color)	4283818365 (0xFF55E17D)
YUV	171.7400, -23.0428, -76.0710
Hunter-Lab	75.6719, -51.3440, 30.5281

Details

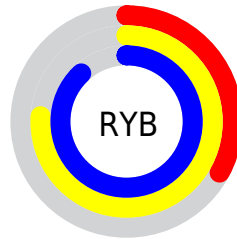
The Decimal color **5628285** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **14767545**, and the grayscale version is **11316396**.

A 20% lighter version of the original color is **9699251**, and **43082** is the 20% darker color. If you saturate the color by 10%, you get **4120941**, and if you desaturate by 10%, it is **7070093**.

Distribution



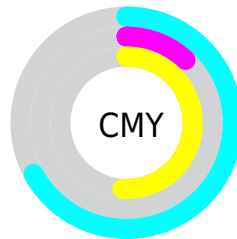
- Red (33%)
- Green (88%)
- Blue (49%)



- Red (33%)
- Yellow (76%)
- Blue (88%)



- Cyan (62%)
- Magenta (0%)
- Yellow (44%)
- Black (12%)

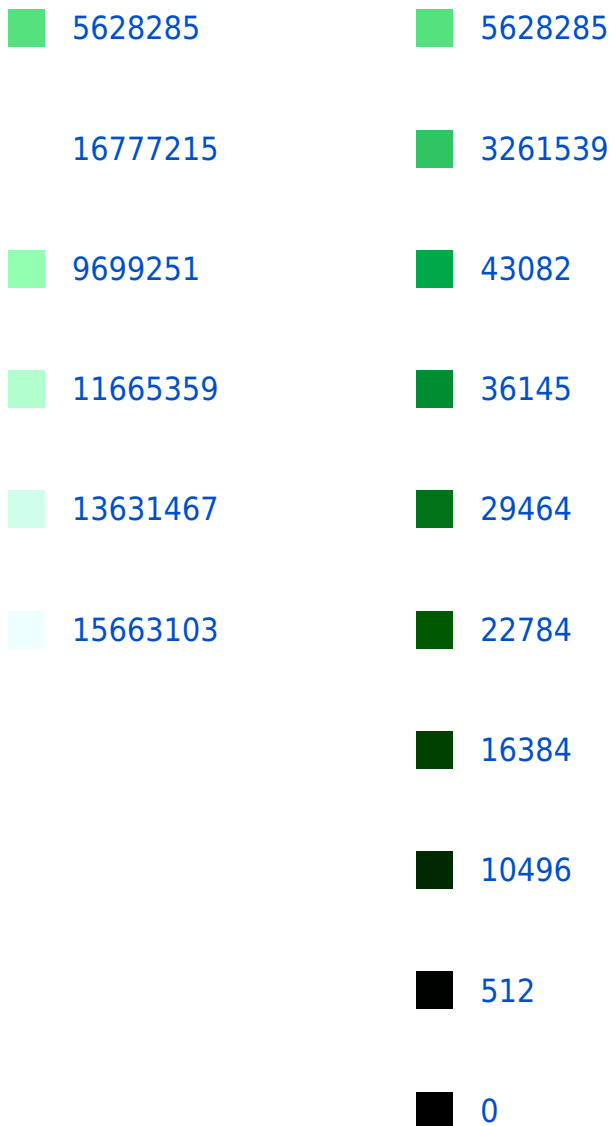


- Cyan (67%)
- Magenta (12%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5628285 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 5628285 by changing the saturation by 10% instead.



 5628285

 5628285

 4120941

 7070093

 2679133

 8577437

 1171789

 10019245

 57664

 11526589

 12968397

 14475741

 15983085

 16769534

 16769535

Harmonies

Analogous

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



11523402



5628285



59327

Triad

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



5628285



53503



16749199

Complementary

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



5628285



14767545

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.



16747472



5628285



12499199

Square

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



5628285



57599



16752127



16755033

Rectangle

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



5628285



59372



16752127



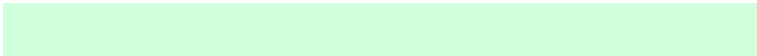
16747940

Sweetspot

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



5628285



13631452



12181845



6455403



0



8421504

Same Dimension

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



5628285



4259702



5628355



6647912



45106



12302

Inverse Universe

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



14767545



16728264



14767475



7365997



11534462



3145763

Previews

White Background



This preview shows how the Decimal color 5628285 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 5628285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

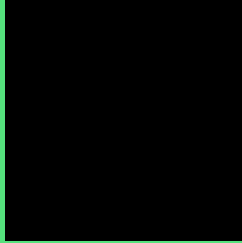
Any Text WCAG AA ✓ Pass

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 5628285 Background



This preview shows how black text looks on a background with the Decimal color 5628285.

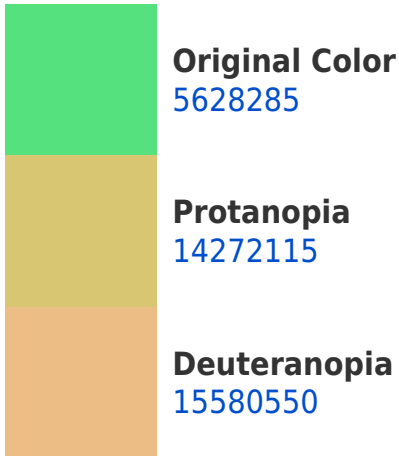


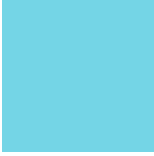
This preview shows how white text looks on a background with the Decimal color 5628285.

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
7656934

Trichromacy



Original Color
5628285



Protanomaly
11128951



Deuteranomaly
11979395



Tritanomaly
6937024

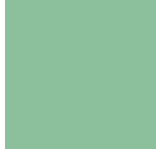
Monochromacy



Original Color
5628285



Achromatopsia
11316396



Achromatomaly
9224091

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5628285 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 #55E17D looks like.

```
.text, #text, p{  
    color:#55E17D  
}
```

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 #55E17D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55E17D
}
```

Border

The CSS property to change the border of an element to Decimal 5628285 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
#55E17D }
```

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

```
.border{ border-color:#55E17D }
```

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

Here you see how a box with a 4 pixel #55E17D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55E17D; -webkit-box-shadow:4px 4px  
4px 4px #55E17D; box-shadow:4px 4px 4px  
4px #55E17D }
```

Background

The CSS property to change the background color of an element to Decimal 5628285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55E17D }
```

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

```
.background{ background-color:#55E17D }
```

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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