

Converting Colors

Decimal(4117895)

Have a look what the booklet for
Decimal(4117895) contains.

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Color

Decimal(4117895)

Conversions

Conversions Part 1

Format	Color
Hex	3ED587
RGB	62, 213, 135
RGB Percent	24%, 84%, 53%
CMY	0.7569, 0.1647, 0.4706
CMYK	0.71, 0.00, 0.37, 0.16
HSL	149°, 64%, 54%
HSV	149°, 71%, 84%
XYZ	30.1540, 50.3619, 31.0532
YIQ	158.9590, -64.9580, -56.2700

Conversions

Conversions Part 2

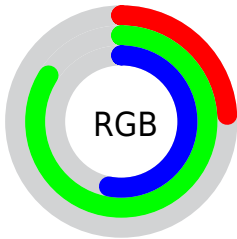
Format	Color
RYB	62, 164, 213
Decimal	4117895
CIELab	76.29, -56.79, 27.47
CIELCh	76, 63.088, 154.183
Yxy	50.3619, 0.2703, 0.4514
Android (android.graphics.Color)	4282307975 (0xFF3ED587)
YUV	158.9590, -11.8118, -85.0330
Hunter-Lab	70.9661, -48.3447, 23.7323

Details

The Decimal color **4117895** 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 **13975180**, and the grayscale version is **10461087**.

A 20% lighter version of the original color is **8454077**, and **40276** is the 20% darker color. If you saturate the color by 10%, you get **2741628**, and if you desaturate by 10%, it is **5494162**.

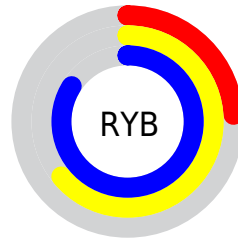
Distribution



Red (24%)

Green (84%)

Blue (53%)



Red (24%)

Yellow (64%)

Blue (84%)

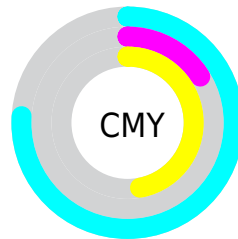


Cyan (71%)

Magenta (0%)

Yellow (37%)

Black (16%)



Cyan (76%)

Magenta (16%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4117895 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 4117895 by changing the saturation by 10% instead.



4117895



4117895

16777215



309613



8454077



40276



10420185



33340



12451829



26661



14417919



19982



16449535



13824



7680



0



4117895



4117895

■ 2741628

■ 5494162

■ 1299825

■ 6935965

■ 54631

■ 8312232

■ 9688499

■ 11130302

■ 12506569

■ 13882836

■ 15259103

■ 16700906

Harmonies

Analogous

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



10013782



4117895



55747

Triad

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



4117895



5554431



16748926

Complementary

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



4117895



13975180

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.



16746678



4117895



13281791

Square

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



4117895



53503



16749296



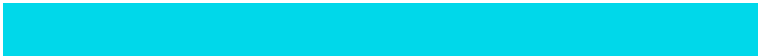
16754514

Rectangle

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



4117895



55530



16749296



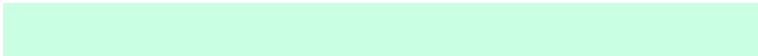
16747664

Sweetspot

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



4117895



13238243



9229630



6324335



0



8421504

Same Dimension

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



4117895



2555791



4117970



6318950



43859



11029

Inverse Universe

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



13975180



16721558



13975105



7037030



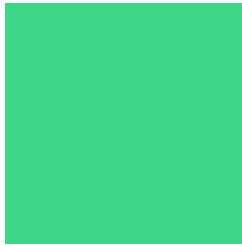
11206744



2818070

Previews

White Background



This preview shows how the Decimal color 4117895 looks on a white background.

Color Contrast Check

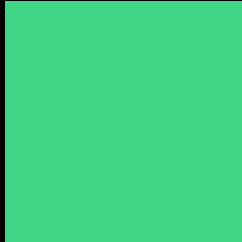
Large Text (above 18pt) WCAG AA × Fail

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 4117895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

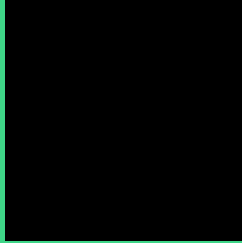
Any Text WCAG AA ✓ Pass

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 4117895 Background



This preview shows how black text looks on a background with the Decimal color 4117895.



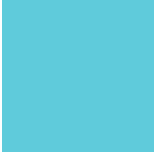
This preview shows how white text looks on a background with the Decimal color 4117895.

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
6278107

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4117895 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 #3ED587 looks like.

```
.text, #text, p{  
  color:#3ED587  
}
```

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 #3ED587 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3ED587
}
```

Border

The CSS property to change the border of an element to Decimal 4117895 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
#3ED587 }
```

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

```
.border{ border-color:#3ED587 }
```

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

Here you see how a box with a 4 pixel #3ED587 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3ED587; -webkit-box-shadow:4px 4px  
4px 4px #3ED587; box-shadow:4px 4px 4px  
4px #3ED587 }
```

Background

The CSS property to change the background color of an element to Decimal 4117895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3ED587 }
```

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

```
.background{ background-color:#3ED587 }
```

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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