

Converting Colors

Decimal(5086799)

Have a look what the booklet for
Decimal(5086799) contains.

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Color

Decimal(5086799)

Conversions

Conversions Part 1

Format	Color
Hex	4D9E4F
RGB	77, 158, 79
RGB Percent	30%, 62%, 31%
CMY	0.6980, 0.3804, 0.6902
CMYK	0.51, 0.00, 0.50, 0.38
HSL	121°, 34%, 46%
HSV	121°, 51%, 62%
XYZ	16.6987, 26.5960, 11.6506
YIQ	124.7750, -22.9170, -41.7410

Conversions

Conversions Part 2

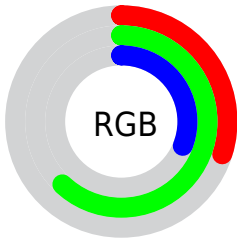
Format	Color
RYB	77, 156, 158
Decimal	5086799
CIELab	58.60, -41.51, 33.67
CIELCh	59, 53.445, 140.952
Yxy	26.5960, 0.3039, 0.4840
Android (android.graphics.Color)	4283276879 (0xFF4D9E4F)
YUV	124.7750, -22.5671, -41.8987
Hunter-Lab	51.5713, -32.4518, 22.7056

Details

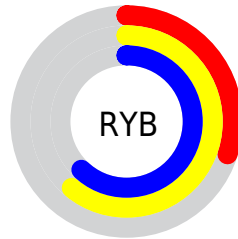
The Decimal color **5086799** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **10374556**, and the grayscale version is **8224125**.

A 20% lighter version of the original color is **8705410**, and **879135** is the 20% darker color. If you saturate the color by 10%, you get **4038208**, and if you desaturate by 10%, it is **6135390**.

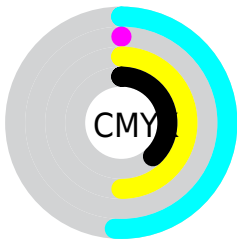
Distribution



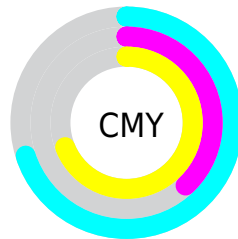
- Red (30%)
- Green (62%)
- Blue (31%)



- Red (30%)
- Yellow (61%)
- Blue (62%)



- Cyan (51%)
- Magenta (0%)
- Yellow (50%)
- Black (38%)



- Cyan (70%)
- Magenta (38%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5086799 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 5086799 by changing the saturation by 10% instead.

 5086799

 5086799

16777215

 3244855

 8705410

 879135

 10482332

 20741

 12386231

 14592

 14221267

 9216

 16187376

 0

 5086799

 5086799

 4038208

 6135390

 2989616

 7183982

 2006561


 8167037

 957969

 9215629

 40452

 10264220

 11312811

 12361403

 13344458

 14393050

Harmonies

Analogous

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



8819758



5086799



41853

Triad

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



5086799



38633



14902382

Complementary

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



5086799



10374556

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.



14378141



5086799



7702245

Square

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



5086799



41173



12088265



13857605

Rectangle

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



5086799



42141



12088265



14901886

Sweetspot

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



5086799



11587504



10329677



5663062



15263976



6908265

Same Dimension

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



5086799



5164882



5086839



4673351



36612



3840

Inverse Universe

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



10374556



13586123



10374516



5195599



9371787



983055

Previews

White Background



This preview shows how the Decimal color 5086799 looks on a white background.

Color Contrast Check

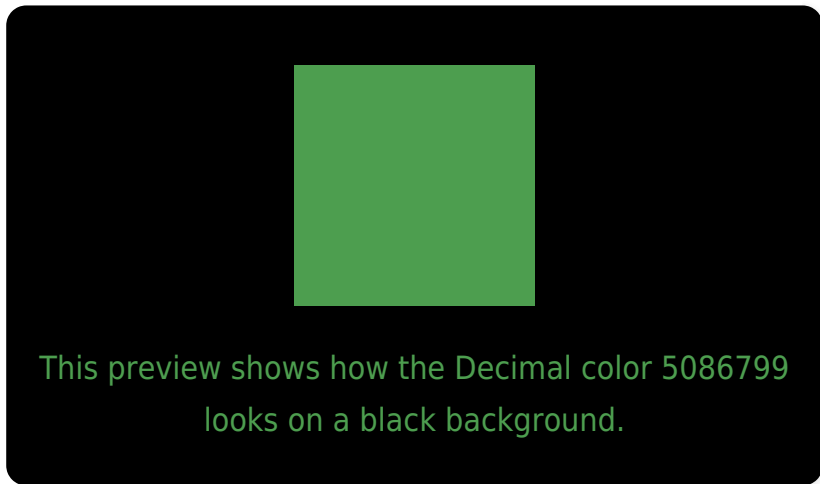
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 5086799 Background



This preview shows how black text looks on a background with the Decimal color 5086799.



This preview shows how white text looks on a background with the Decimal color 5086799.

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



Trichromacy



Original Color
5086799

Protanomaly
8360779

Deuteranomaly
8949587

Tritanomaly
5806211

Monochromacy



Original Color
5086799

Achromatopsia
8224125

Achromatomaly
7113068

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5086799 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 #4D9E4F looks like.

```
.text, #text, p{  
    color:#4D9E4F  
}
```

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 #4D9E4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D9E4F
}
```

Border

The CSS property to change the border of an element to Decimal 5086799 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
#4D9E4F }
```

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

```
.border{ border-color:#4D9E4F }
```

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

Here you see how a box with a 4 pixel #4D9E4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D9E4F; -webkit-box-shadow:4px 4px  
4px 4px #4D9E4F; box-shadow:4px 4px 4px  
4px #4D9E4F }
```

Background

The CSS property to change the background color of an element to Decimal 5086799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D9E4F }
```

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

```
.background{ background-color:#4D9E4F }
```

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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