

Converting Colors

Decimal(5087156)

Have a look what the booklet for
Decimal(5087156) contains.

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Color

Decimal(5087156)

Conversions

Conversions Part 1

Format	Color
Hex	4D9FB4
RGB	77, 159, 180
RGB Percent	30%, 62%, 71%
CMY	0.6980, 0.3765, 0.2941
CMYK	0.57, 0.12, 0.00, 0.29
HSL	192°, 41%, 50%
HSV	192°, 57%, 71%
XYZ	23.6969, 29.6693, 47.6578
YIQ	136.8760, -55.6130, -10.8530

Conversions

Conversions Part 2

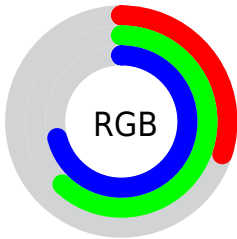
Format	Color
RYB	77, 123, 180
Decimal	5087156
CIELab	61.37, -18.79, -18.46
CIElCh	61, 26.339, 224.494
Yxy	29.6693, 0.2346, 0.2937
Android (android.graphics.Color)	4283277236 (0xFF4D9FB4)
YUV	136.8760, 21.2601, -52.5113
Hunter-Lab	54.4696, -17.6655, -13.7467

Details

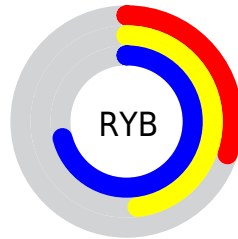
The Decimal color **5087156** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **11821645**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **8836844**, and **27519** is the 20% darker color. If you saturate the color by 10%, you get **3906484**, and if you desaturate by 10%, it is **6267828**.

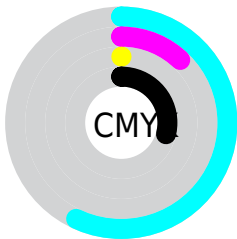
Distribution



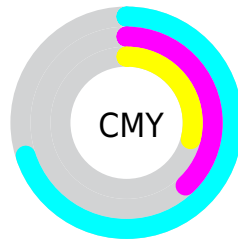
- Red (30%)
- Green (62%)
- Blue (71%)



- Red (30%)
- Yellow (48%)
- Blue (71%)



- Cyan (57%)
- Magenta (12%)
- Yellow (0%)
- Black (29%)



- Cyan (70%)
- Magenta (38%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5087156 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 5087156 by changing the saturation by 10% instead.

■ 5087156

■ 5087156

16777215

■ 3048857

■ 8836844

■ 27519

■ 10744575

■ 21350

■ 12648447

■ 15438

■ 14548991

■ 9783

■ 16515071

■ 2850

■ 9

■ 0

■ 5087156

■ 5087156

■ 3906484

■ 6267828

■ 2726068

■ 7448244

■ 1545396

■ 8628916

■ 364724

■ 9809588

■ 36788

■ 10990004

■ 12170676

■ 13351348

■ 14531764

■ 15712436

Harmonies

Analogous

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



5218719



5087156



6658752

Triad

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



5087156



12289185



10065511

Complementary

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



5087156



11821645

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.



11505512



5087156



12813194

Square

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



5087156



10914486



12552053



8363122

Rectangle

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



5087156



8099266



12552053



10589286

Sweetspot

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



5087156



12837611



5092450



6189429



16119285



7697781

Same Dimension

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



5087156



4836075



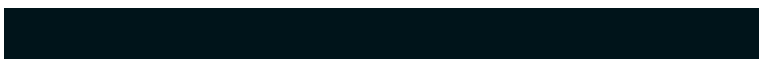
5074100



5265241



31385



5146

Inverse Universe

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



11816351



15419850



11834701



5853271



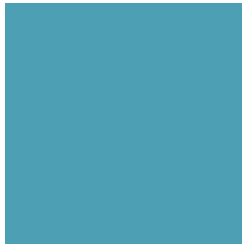
10027130



1703956

Previews

White Background



This preview shows how the Decimal color 5087156 looks on a white background.

Color Contrast Check

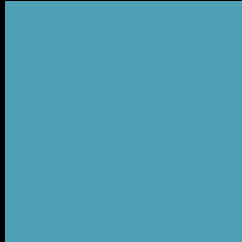
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Decimal color 5087156 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 × Fail

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

Decimal 5087156 Background



This preview shows how black text looks on a background with the Decimal color 5087156.



This preview shows how white text looks on a background with the Decimal color 5087156.

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](#).

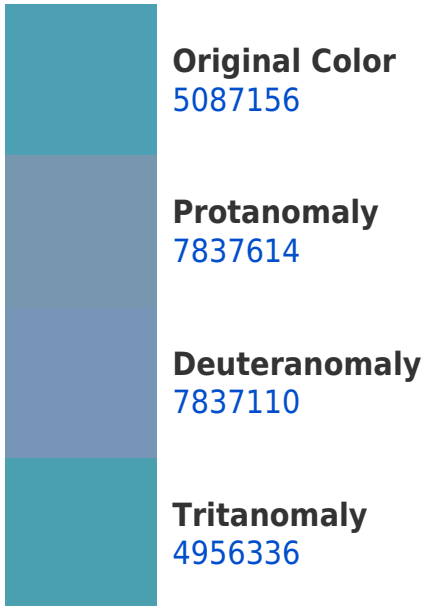
Dichromacy





Tritanopia
4890797

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5087156 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 #4D9FB4 looks like.

```
.text, #text, p{  
    color:#4D9FB4  
}
```

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 #4D9FB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D9FB4
}
```

Border

The CSS property to change the border of an element to Decimal 5087156 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
#4D9FB4 }
```

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

```
.border{ border-color:#4D9FB4 }
```

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

Here you see how a box with a 4 pixel #4D9FB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D9FB4; -webkit-box-shadow:4px 4px  
4px 4px #4D9FB4; box-shadow:4px 4px 4px  
4px #4D9FB4 }
```

Background

The CSS property to change the background color of an element to Decimal 5087156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D9FB4 }
```

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

```
.background{ background-color:#4D9FB4 }
```

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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