

Converting Colors

Decimal(4566176)

Have a look what the booklet for
Decimal(4566176) contains.

Decimal(4566176)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(4566176)

Conversions

Conversions Part 1

Format	Color
Hex	45ACA0
RGB	69, 172, 160
RGB Percent	27%, 67%, 63%
CMY	0.7294, 0.3255, 0.3725
CMYK	0.60, 0.00, 0.07, 0.33
HSL	173°, 43%, 47%
HSV	173°, 60%, 67%
XYZ	23.5519, 33.3083, 38.4455
YIQ	139.8350, -57.5360, -25.5680

Conversions

Conversions Part 2

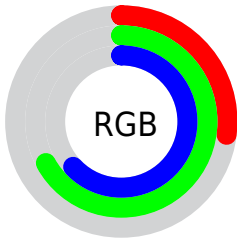
Format	Color
RYB	69, 124, 172
Decimal	4566176
CIELab	64.41, -32.54, -2.72
CIELCh	64, 32.657, 184.781
Yxy	33.3083, 0.2471, 0.3495
Android (android.graphics.Color)	4282756256 (0xFF45ACA0)
YUV	139.8350, 9.9413, -62.1223
Hunter-Lab	57.7134, -28.1553, 0.9035

Details

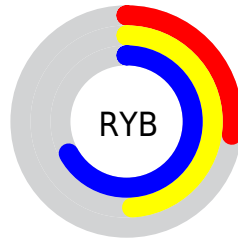
The Decimal color **4566176** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **11289937**, and the grayscale version is **9211020**.

A 20% lighter version of the original color is **8447191**, and **30573** is the 20% darker color. If you saturate the color by 10%, you get **3452062**, and if you desaturate by 10%, it is **5680290**.

Distribution



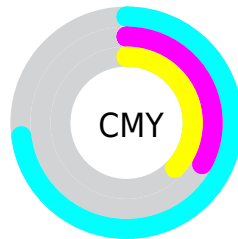
- Red (27%)
- Green (67%)
- Blue (63%)



- Red (27%)
- Yellow (49%)
- Blue (67%)



- Cyan (60%)
- Magenta (0%)
- Yellow (7%)
- Black (33%)



- Cyan (73%)
- Magenta (33%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4566176 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 4566176 by changing the saturation by 10% instead.



4566176



4566176

16777215



2331014



8447191



30573



10289139



24148



12189695



17981



14090239



11816



16056319



6419



0



4566176



4566176



3452062



5680290

■ 2337948

■ 6794404

■ 1158298

■ 7974054

■ 44184

■ 9088168

■ 10202282

■ 11316396

■ 12430510

■ 13610160

■ 14724274

Harmonies

Analogous

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



6924930



4566176



3189692

Triad

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



4566176



10916812



12882536

Complementary

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



4566176



11289937

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.



13863292



4566176



12946102

Square

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



4566176



8101334



13928089



11246690

Rectangle

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



4566176



4171979



13928089



13340526

Sweetspot

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



4566176



12116188



5352517



5795949



15790320



7368816

Same Dimension

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



4566176



4186318



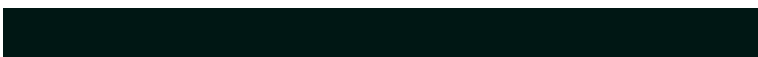
4556204



5134166



38533



5908

Inverse Universe

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



11289937



14696274



11299909



5721679



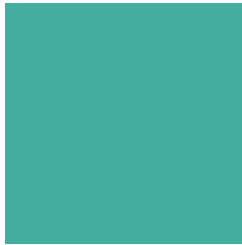
9830418



1507331

Previews

White Background



This preview shows how the Decimal color 4566176 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 4566176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

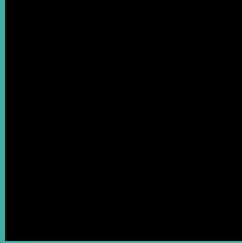
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

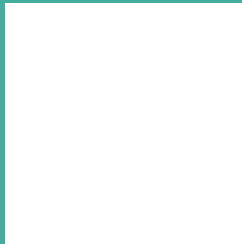
Any Text WCAG AAA ✓ Pass

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

Decimal 4566176 Background



This preview shows how black text looks on a background with the Decimal color 4566176.




This preview shows how white text looks on a background with the Decimal color 4566176.

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
5155254

Trichromacy



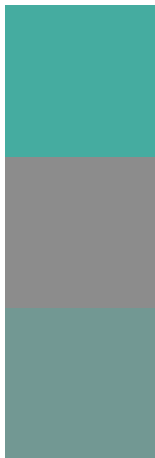
Original Color
4566176

Protanomaly
8298906

Deuteranomaly
8626083

Tritanomaly
4958894

Monochromacy



Original Color
4566176

Achromatopsia
9211020

Achromatomaly
7510163

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4566176 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 #45ACA0 looks like.

```
.text, #text, p{  
    color:#45ACA0  
}
```

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 #45ACA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45ACA0
}
```

Border

The CSS property to change the border of an element to Decimal 4566176 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
#45ACA0 }
```

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

```
.border{ border-color:#45ACA0 }
```

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

Here you see how a box with a 4 pixel #45ACA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45ACA0; -webkit-box-shadow:4px 4px  
4px 4px #45ACA0; box-shadow:4px 4px 4px  
4px #45ACA0 }
```

Background

The CSS property to change the background color of an element to Decimal 4566176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45ACA0 }
```

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

```
.background{ background-color:#45ACA0 }
```

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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