

Converting Colors

Decimal(6012577)

Have a look what the booklet for
Decimal(6012577) contains.

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Color

Decimal(6012577)

Conversions

Conversions Part 1

Format	Color
Hex	5BBEA1
RGB	91, 190, 161
RGB Percent	36%, 75%, 63%
CMY	0.6431, 0.2549, 0.3686
CMYK	0.52, 0.00, 0.15, 0.25
HSL	162°, 43%, 55%
HSV	162°, 52%, 75%
XYZ	29.1609, 41.6243, 40.2156
YIQ	157.0930, -49.6950, -30.0070

Conversions

Conversions Part 2

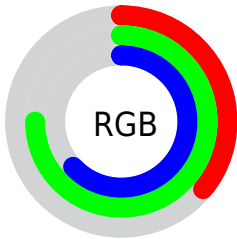
Format	Color
RYB	91, 149, 190
Decimal	6012577
CIELab	70.61, -36.10, 5.83
CIElCh	71, 36.564, 170.820
Yxy	41.6243, 0.2627, 0.3750
Android (android.graphics.Color)	4284202657 (0xFF5BBEA1)
YUV	157.0930, 1.9262, -57.9636
Hunter-Lab	64.5169, -32.2246, 8.2043

Details

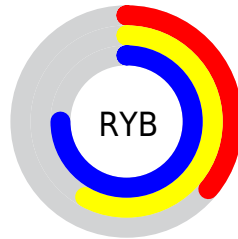
The Decimal color **6012577** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **12475256**, and the grayscale version is **10329501**.

A 20% lighter version of the original color is **9762776**, and **1804398** is the 20% darker color. If you saturate the color by 10%, you get **4767387**, and if you desaturate by 10%, it is **7257767**.

Distribution



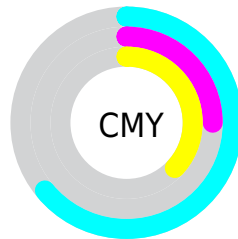
- Red (36%)
- Green (75%)
- Blue (63%)



- Red (36%)
- Yellow (58%)
- Blue (75%)



- Cyan (52%)
- Magenta (0%)
- Yellow (15%)
- Black (25%)



- Cyan (64%)
- Magenta (25%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6012577 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 6012577 by changing the saturation by 10% instead.



6012577



6012577

16777215



4105095



9762776



1804398



11599860



28245



13500415



21822



15466495



15656



10004



1024



0



6012577



6012577

■ 4767387

■ 7257767

■ 3522198

■ 8502956

■ 2277008

■ 9748146

■ 1031819

■ 10993335

■ 48774

■ 12238525

■ 13483714

■ 14728904

■ 15974094

■ 16760531

Harmonies

Analogous

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



8764034



6012577



3260099

Triad

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



6012577



10660075



14982266

Complementary

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



6012577



12475256

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.



15635607



6012577



13475031

Square

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



6012577



7123950



15176888



13412203

Rectangle

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



6012577



2932183



15176888



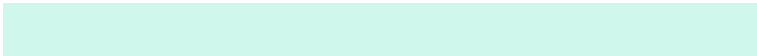
15309187

Sweetspot

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



6012577



13694956



7978587



6651254



16579836



8224125

Same Dimension

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



6012577



6092746



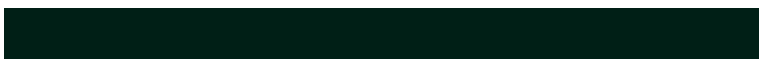
6007486



5594716



40560



7958

Inverse Universe

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



12475256



16211081



12480347



6182232



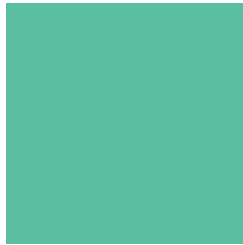
10354734



2031625

Previews

White Background



This preview shows how the Decimal color 6012577 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 6012577 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 6012577 Background



This preview shows how black text looks on a background with the Decimal color 6012577.



This preview shows how white text looks on a background with the Decimal color 6012577.

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
6797767

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6012577 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 #5BBEA1 looks like.

```
.text, #text, p{  
    color:#5BBEA1  
}
```

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 #5BBEA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BBEA1
}
```

Border

The CSS property to change the border of an element to Decimal 6012577 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
#5BBEA1 }
```

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

```
.border{ border-color:#5BBEA1 }
```

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

Here you see how a box with a 4 pixel #5BBEA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BBEA1; -webkit-box-shadow:4px 4px  
4px 4px #5BBEA1; box-shadow:4px 4px 4px  
4px #5BBEA1 }
```

Background

The CSS property to change the background color of an element to Decimal 6012577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BBEA1 }
```

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

```
.background{ background-color:#5BBEA1 }
```

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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