

Converting Colors

Decimal(6476467)

Have a look what the booklet for
Decimal(6476467) contains.

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Color

Decimal(6476467)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 62D2B3 |
| RGB | 98, 210, 179 |
| RGB Percent | 38%, 82%, 70% |
| CMY | 0.6157, 0.1765, 0.2980 |
| CMYK | 0.53, 0.00, 0.15, 0.18 |
| HSL | 163°, 55%, 60% |
| HSV | 163°, 53%, 82% |
| XYZ | 36.2203, 51.9445, 50.7651 |
| YIQ | 172.9780, -56.8010, -33.3850 |

Conversions

Conversions Part 2

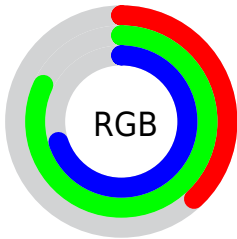
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 98, 163, 210 |
| Decimal | 6476467 |
| CIELab | 77.25, -39.43, 5.69 |
| CIELCh | 77, 39.838, 171.791 |
| Yxy | 51.9445, 0.2607, 0.3739 |
| Android (android.graphics.Color) | 4284666547 (0xFF62D2B3) |
| YUV | 172.9780, 2.9688, -65.7557 |
| Hunter-Lab | 72.0726, -36.4213, 8.6892 |

Details

The Decimal color **6476467** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **13787777**, and the grayscale version is **11382189**.

A 20% lighter version of the original color is **10289131**, and **2071422** is the 20% darker color. If you saturate the color by 10%, you get **5100205**, and if you desaturate by 10%, it is **7852729**.

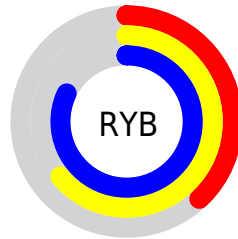
Distribution



Red (38%)

Green (82%)

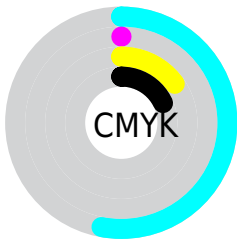
Blue (70%)



Red (38%)

Yellow (64%)

Blue (82%)

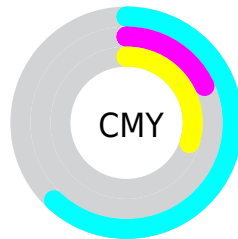


Cyan (53%)

Magenta (0%)

Yellow (15%)

Black (18%)



Cyan (62%)

Magenta (18%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6476467 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 6476467 by changing the saturation by 10% instead.



6476467



6476467

16777215



4503192



10289131



2071422



12189695



32869



14155775



26445



16121855



20023



13857



8459



0



6476467



6476467

5100205

7852729

3723943

9228991

2347682

10605252

971420

11981514

53912

13357776

14734038

16110300

16765666

16765671

Harmonies

Analogous

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



9555344



6476467



3330777

Triad

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



6476467



11909631



16493702

Complementary

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



6476467



13787777

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.



16753829



6476467



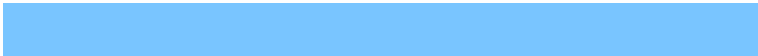
14986477

Square

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



6476467



7980543



16753611



14727542

Rectangle

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



6476467



3002607



16753611



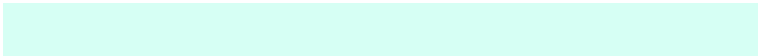
16755087

Sweetspot

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



6476467



14090228



8573538



6783097



0



8421504

Same Dimension

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



6476467



6094802



6470354



6187366



43130



10526

Inverse Universe

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



13787777



16735369



13793890



6905441



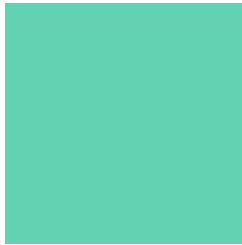
11010095



2686987

Previews

White Background



This preview shows how the Decimal color 6476467 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 6476467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

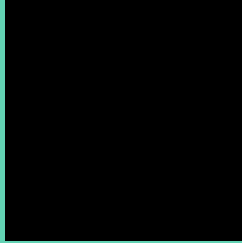
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

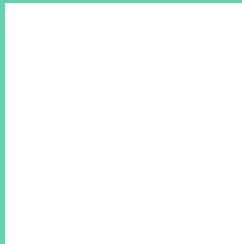
Any Text WCAG AAA ✓ Pass

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

Decimal 6476467 Background



This preview shows how black text looks on a background with the Decimal color 6476467.



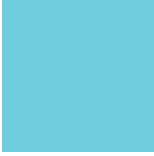
This preview shows how white text looks on a background with the Decimal color 6476467.

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
7326941

Trichromacy



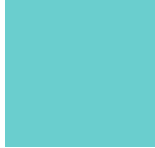
Original Color
6476467



Protanomaly
10667436



Deuteranomaly
11125175

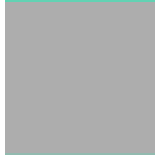


Tritanomaly
6999758

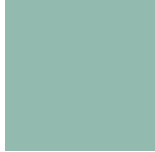
Monochromacy



Original Color
6476467



Achromatopsia
11382189



Achromatomaly
9616047

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6476467 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 #62D2B3 looks like.

```
.text, #text, p{  
    color:#62D2B3  
}
```

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 #62D2B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62D2B3
}
```

Border

The CSS property to change the border of an element to Decimal 6476467 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
#62D2B3 }
```

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

```
.border{ border-color:#62D2B3 }
```

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

Here you see how a box with a 4 pixel #62D2B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62D2B3; -webkit-box-shadow:4px 4px  
4px 4px #62D2B3; box-shadow:4px 4px 4px  
4px #62D2B3 }
```

Background

The CSS property to change the background color of an element to Decimal 6476467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62D2B3 }
```

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

```
.background{ background-color:#62D2B3 }
```

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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