

Converting Colors

Decimal(6412219)

Have a look what the booklet for
Decimal(6412219) contains.

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Color

Decimal(6412219)

Conversions

Conversions Part 1

Format	Color
Hex	61D7BB
RGB	97, 215, 187
RGB Percent	38%, 84%, 73%
CMY	0.6196, 0.1569, 0.2667
CMYK	0.55, 0.00, 0.13, 0.16
HSL	166°, 60%, 61%
HSV	166°, 55%, 84%
XYZ	38.1998, 54.7301, 55.5643
YIQ	176.5260, -61.3400, -33.7240

Conversions

Conversions Part 2

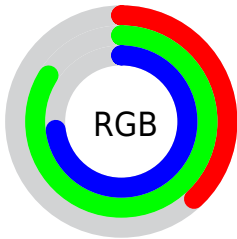
Format	Color
RYB	97, 164, 215
Decimal	6412219
CIELab	78.89, -40.00, 3.77
CIELCh	79, 40.180, 174.614
Yxy	54.7301, 0.2572, 0.3686
Android (android.graphics.Color)	4284602299 (0xFF61D7BB)
YUV	176.5260, 5.1637, -69.7443
Hunter-Lab	73.9798, -37.2953, 7.2547

Details

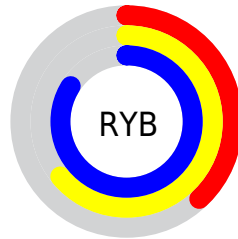
The Decimal color **6412219** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **14115197**, and the grayscale version is **11645361**.

A 20% lighter version of the original color is **10289139**, and **1679494** is the 20% darker color. If you saturate the color by 10%, you get **5035958**, and if you desaturate by 10%, it is **7788480**.

Distribution



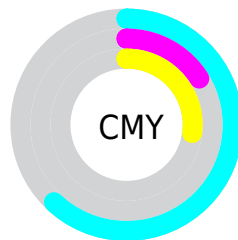
- Red (38%)
- Green (84%)
- Blue (73%)



- Red (38%)
- Yellow (64%)
- Blue (84%)



- Cyan (55%)
- Magenta (0%)
- Yellow (13%)
- Black (16%)



- Cyan (62%)
- Magenta (16%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6412219 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 6412219 by changing the saturation by 10% instead.



6412219



6412219

16777215



4373408



10289139



1679494



12189695



34157



14155775



27476



16121855



21053



14888



9491



0



6412219



6412219

■ 5035958

■ 7788480

■ 3594161

■ 9230277

■ 2217900

■ 10672074

■ 776103

■ 12048335

■ 55204

■ 13490133

■ 14866394

■ 16242655

■ 16766948

■ 16766953

Harmonies

Analogous

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



9556887



6412219



3463137

Triad

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



6412219



12500223



16757384

Complementary

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



6412219



14115197

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.



16754854



6412219



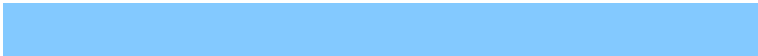
15511535

Square

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



6412219



8636927



16754636



14860153

Rectangle

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



6412219



3527927



16754636



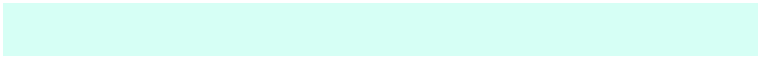
16756368

Sweetspot

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



6412219



14090229



8312673



6783098



0



8421504

Same Dimension

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



6412219



5767127



6404823



6318953



43906



11041

Inverse Universe

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



14115197



16734079



14122593



7037027



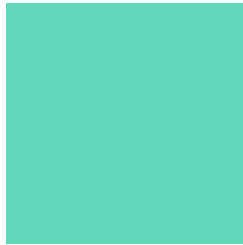
11206697



2818058

Previews

White Background



This preview shows how the Decimal color 6412219 looks on a white background.

Color Contrast Check

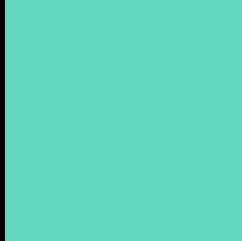
Large Text (above 18pt) WCAG AA × Fail

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 6412219 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

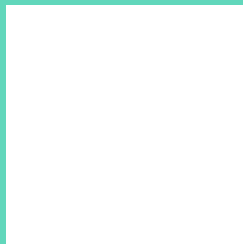
Any Text WCAG AAA ✓ Pass

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

Decimal 6412219 Background



This preview shows how black text looks on a background with the Decimal color 6412219.



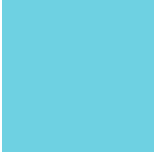
This preview shows how white text looks on a background with the Decimal color 6412219.

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
7262690

Trichromacy



Original Color
6412219



Protanomaly
10799539



Deuteranomaly
11257535

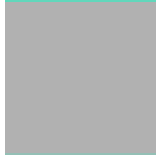


Tritanomaly
6935508

Monochromacy



Original Color
6412219



Achromatopsia
11645361



Achromatomaly
9748405

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6412219 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 #61D7BB looks like.

```
.text, #text, p{  
    color:#61D7BB  
}
```

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 #61D7BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61D7BB  
}
```

Border

The CSS property to change the border of an element to Decimal 6412219 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  
#61D7BB }
```

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

```
.border{ border-color:#61D7BB }
```

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

Here you see how a box with a 4 pixel #61D7BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61D7BB; -webkit-box-shadow:4px 4px  
4px 4px #61D7BB; box-shadow:4px 4px 4px  
4px #61D7BB }
```

Background

The CSS property to change the background color of an element to Decimal 6412219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61D7BB }
```

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

```
.background{ background-color:#61D7BB }
```

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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