

Converting Colors

Decimal(6519987)

Have a look what the booklet for
Decimal(6519987) contains.

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Color

Decimal(6519987)

Conversions

Conversions Part 1

Format	Color
Hex	637CB3
RGB	99, 124, 179
RGB Percent	39%, 49%, 70%
CMY	0.6118, 0.5137, 0.2980
CMYK	0.45, 0.31, 0.00, 0.30
HSL	221°, 34%, 55%
HSV	221°, 45%, 70%
XYZ	20.4899, 20.3226, 45.4905
YIQ	122.7950, -32.5550, 11.8050

Conversions

Conversions Part 2

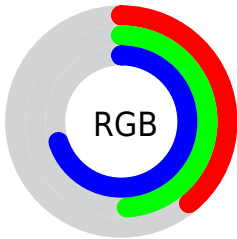
Format	Color
R_{YB}	99, 118, 179
Decimal	6519987
CIE _{Lab}	52.20, 5.84, -31.93
CIE _{LCh}	52, 32.458, 280.362
Yxy	20.3226, 0.2374, 0.2355
Android (android.graphics.Color)	4284710067 (0xFF637CB3)
YUV	122.7950, 27.7091, -20.8682
Hunter-Lab	45.0806, 2.2403, -28.2727

Details

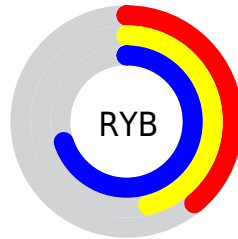
The Decimal color **6519987** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **11770467**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **10072299**, and **2968702** is the 20% darker color. If you saturate the color by 10%, you get **5337267**, and if you desaturate by 10%, it is **7702707**.

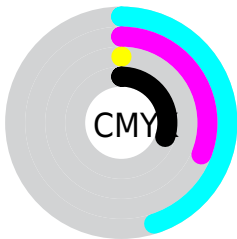
Distribution



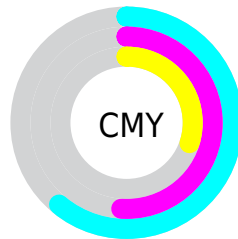
- Red (39%)
- Green (49%)
- Blue (70%)



- Red (39%)
- Yellow (46%)
- Blue (70%)



- Cyan (45%)
- Magenta (31%)
- Yellow (0%)
- Black (30%)



- Cyan (61%)
- Magenta (51%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6519987 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 6519987 by changing the saturation by 10% instead.

■ 6519987

■ 6519987

16777215

■ 4744088

■ 10072299

■ 2968702

■ 11914495

■ 800101

■ 13756671

■ 8268

■ 15663103

■ 2101

■ 543

■ 3

■ 0

■ 6519987

■ 6519987

■ 5337267

■ 7702707

■ 4154291

■ 8885683

■ 2971571

■ 10068403

■ 1788851

■ 11251123

■ 671411

■ 12368563

■ 14515

■ 13551283

■ 14734003

■ 15916723

■ 16772019

Harmonies

Analogous

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



2983088



6519987



9204391

Triad

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



6519987



11430746



4426345

Complementary

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



6519987



11770467

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.



6784337



6519987



10384456

Square

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



6519987



11691636



8748613



756614

Rectangle

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



6519987



10513304



8748613



5212512

Sweetspot

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



6519987



13292520



6534042



6514805



16119285



7697781

Same Dimension

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



6519987



7049960



7496627



5264217



12441



2074

Inverse Universe

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



11756412



15231890



10793827



5853267



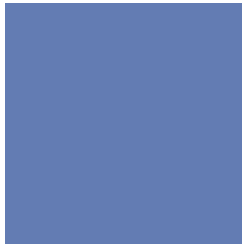
10027056



1703944

Previews

White Background



This preview shows how the Decimal color 6519987 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 6519987 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

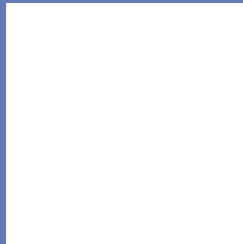
Any Text WCAG AAA × Fail

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

Decimal 6519987 Background



This preview shows how black text looks on a background with the Decimal color 6519987.

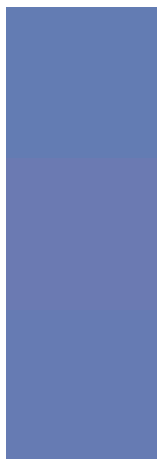


This preview shows how white text looks on a background with the Decimal color 6519987.

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



Original Color
6519987

Protanopia
7043762

Deuteranopia
6716339



Tritanopia
5866382

Trichromacy



Original Color
6519987

Protanomaly
6847410

Deuteranomaly
6650803

Tritanomaly
6127771

Monochromacy



Original Color
6519987

Achromatopsia
8092539

Achromatomaly
7502735

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6519987 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 #637CB3 looks like.

```
.text, #text, p{  
    color:#637CB3  
}
```

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 #637CB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #637CB3
}
```

Border

The CSS property to change the border of an element to Decimal 6519987 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
#637CB3 }
```

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

```
.border{ border-color:#637CB3 }
```

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

Here you see how a box with a 4 pixel #637CB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #637CB3; -webkit-box-shadow:4px 4px  
4px 4px #637CB3; box-shadow:4px 4px 4px  
4px #637CB3 }
```

Background

The CSS property to change the background color of an element to Decimal 6519987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#637CB3 }
```

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

```
.background{ background-color:#637CB3 }
```

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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