

Converting Colors

Decimal(6585237)

Have a look what the booklet for
Decimal(6585237) contains.

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Color

Decimal(6585237)

Conversions

Conversions Part 1

Format	Color
Hex	647B95
RGB	100, 123, 149
RGB Percent	39%, 48%, 58%
CMY	0.6078, 0.5176, 0.4157
CMYK	0.33, 0.17, 0.00, 0.42
HSL	212°, 20%, 49%
HSV	212°, 33%, 58%
XYZ	17.7633, 19.0452, 31.1736
YIQ	119.0870, -22.0540, 3.2100

Conversions

Conversions Part 2

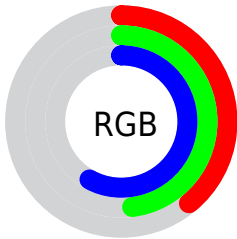
Format	Color
R_{YB}	100, 116, 149
Decimal	6585237
CIE _{Lab}	50.74, -1.80, -16.75
CIE _{LCh}	51, 16.845, 263.850
Yxy	19.0452, 0.2613, 0.2801
Android (android.graphics.Color)	4284775317 (0xFF647B95)
YUV	119.0870, 14.7471, -16.7393
Hunter-Lab	43.6408, -3.7157, -11.8037

Details

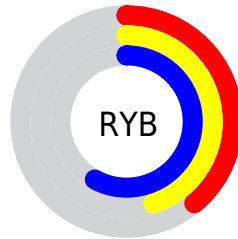
The Decimal color **6585237** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **9797220**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **10006475**, and **3361378** is the 20% darker color. If you saturate the color by 10%, you get **5600149**, and if you desaturate by 10%, it is **7570325**.

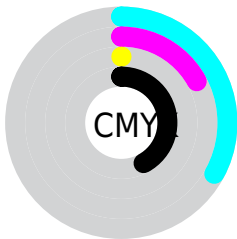
Distribution



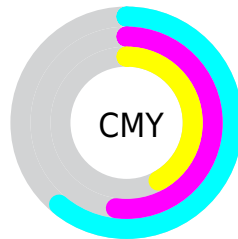
- Red (39%)
- Green (48%)
- Blue (58%)



- Red (39%)
- Yellow (45%)
- Blue (58%)



- Cyan (33%)
- Magenta (17%)
- Yellow (0%)
- Black (42%)



- Cyan (61%)
- Magenta (52%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6585237 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 6585237 by changing the saturation by 10% instead.



6585237



6585237

16777215



4940411



10006475



3361378



11783143



1782858



13625343



73524



15532031



1567



2



0



6585237



6585237



5600149



7570325

■ 4615061

■ 8555413

■ 3629973

■ 9540501

■ 2644885

■ 10525589

■ 1725333

■ 11510677

■ 740501

■ 12429973

■ 18069

■ 13415061

■ 14400149

■ 15385237

Harmonies

Analogous

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



5603215



6585237



7829139

Triad

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



6585237



9858926



6782824

Complementary

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



6585237



9797220

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.



7830366



6585237



9597538

Square

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



6585237



9727868



8877916



5800309

Rectangle

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



6585237



8614798



8877916



7110244

Sweetspot

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



6585237



11450562



6591869



5593953



14737632



6381921

Same Dimension

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



6585237



7772866



6644885



4408906



16778



1290

Inverse Universe

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



9790587



12744346



9737572



4866886



9044033



655365

Previews

White Background



This preview shows how the Decimal color 6585237 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 6585237 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

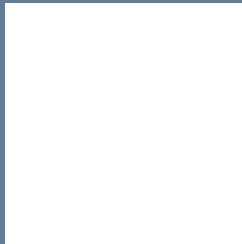
Any Text WCAG AAA × Fail

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

Decimal 6585237 Background



This preview shows how black text looks on a background with the Decimal color 6585237.



This preview shows how white text looks on a background with the Decimal color 6585237.

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
6585237

Protanopia
7501714

Deuteranopia
7698070



Tritanopia
6389127

Trichromacy



Original Color
6585237

Protanomaly
7174291

Deuteranomaly
7305366

Tritanomaly
6454412

Monochromacy



Original Color
6585237

Achromatopsia
7829367

Achromatomaly
7370882

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6585237 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 #647B95 looks like.

```
.text, #text, p{  
    color:#647B95  
}
```

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 #647B95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #647B95
}
```

Border

The CSS property to change the border of an element to Decimal 6585237 is called "border". The border property can be set on classes, ids or directly on the HTML element.

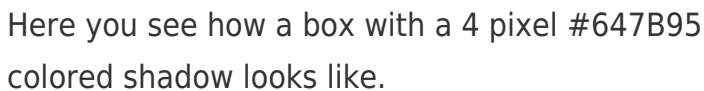
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#647B95 }
```

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

```
.border{ border-color:#647B95 }
```

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



Here you see how a box with a 4 pixel #647B95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #647B95; -webkit-box-shadow:4px 4px  
4px 4px #647B95; box-shadow:4px 4px 4px  
4px #647B95 }
```

Background

The CSS property to change the background color of an element to Decimal 6585237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#647B95 }
```

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

```
.background{ background-color:#647B95 }
```

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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