

Converting Colors

Decimal(6649242)

Have a look what the booklet for
Decimal(6649242) contains.

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Color

Decimal(6649242)

Conversions

Conversions Part 1

Format	Color
Hex	65759A
RGB	101, 117, 154
RGB Percent	40%, 46%, 60%
CMY	0.6039, 0.5412, 0.3961
CMYK	0.34, 0.24, 0.00, 0.40
HSL	222°, 21%, 50%
HSV	222°, 34%, 60%
XYZ	17.5609, 17.8224, 33.0864
YIQ	116.4340, -21.4130, 8.1150

Conversions

Conversions Part 2

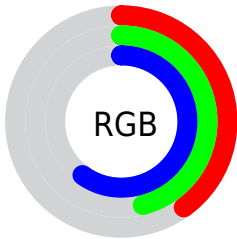
Format	Color
R_{YB}	101, 113, 154
Decimal	6649242
CIE _{Lab}	49.28, 3.40, -21.91
CIE _{LCh}	49, 22.170, 278.817
Yxy	17.8224, 0.2565, 0.2603
Android (android.graphics.Color)	4284839322 (0xFF65759A)
YUV	116.4340, 18.5200, -13.5356
Hunter-Lab	42.2166, 0.3718, -16.9157

Details

The Decimal color **6649242** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10127973**, and the grayscale version is **7631988**.

A 20% lighter version of the original color is **10070481**, and **3360103** is the 20% darker color. If you saturate the color by 10%, you get **5663386**, and if you desaturate by 10%, it is **7635098**.

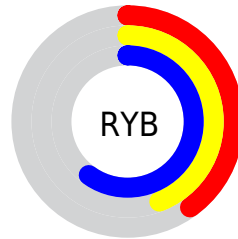
Distribution



Red (40%)

Green (46%)

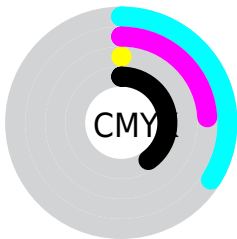
Blue (60%)



Red (40%)

Yellow (44%)

Blue (60%)

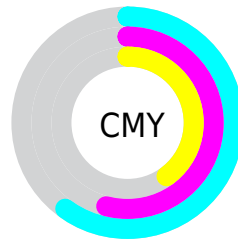


Cyan (34%)

Magenta (24%)

Yellow (0%)

Black (40%)



Cyan (60%)

Magenta (54%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6649242 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 6649242 by changing the saturation by 10% instead.



6649242



6649242

16777215



5004416



10070481



3360103



11912429



1781583



13754623



6712



15597055



546



8



0



6649242



6649242



5663386



7635098

■ 4611994

■ 8686490

■ 3626394

■ 9672090

■ 2575002

■ 10723482

■ 1589146

■ 11709338

■ 603290

■ 12695194

■ 11930

■ 13746330

■ 14732186

■ 15783578

Harmonies

Analogous

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



4881304



6649242



8351378

Triad

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



6649242



10054238



5406311

Complementary

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



6649242



10127973

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.



6847319



6649242



9334611

Square

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



6649242



10119024



8222288



4227194

Rectangle

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



6649242



9202313



8222288



5930593

Sweetspot

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



6649242



11910089



6658697



5922150



15132390



6710886

Same Dimension

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



6649242



7835849



7300506



4540237



10892



1037

Inverse Universe

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



10118517



13203344



9476709



5064007



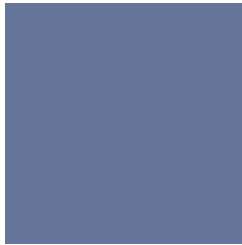
9175082



851972

Previews

White Background



This preview shows how the Decimal color 6649242 looks on a white 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

Black Background



This preview shows how the Decimal color 6649242 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

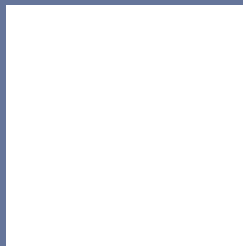
Any Text WCAG AAA × Fail

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

Decimal 6649242 Background



This preview shows how black text looks on a background with the Decimal color 6649242.

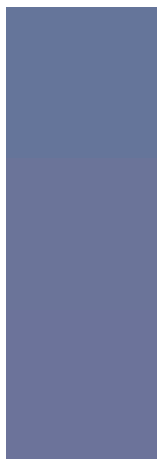


This preview shows how white text looks on a background with the Decimal color 6649242.

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


6649242

Protanopia

7042201

Deuteranopia

7107482



Tritanopia
6322563

Trichromacy



Original Color

6649242

Protanomaly

6911129

Deuteranomaly

6911130

Tritanomaly

6453387

Monochromacy



Original Color

6649242

Achromatopsia

7631988

Achromatomaly

7304322

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6649242 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 #65759A looks like.

```
.text, #text, p{  
    color:#65759A  
}
```

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 #65759A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65759A
}
```

Border

The CSS property to change the border of an element to Decimal 6649242 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
#65759A }
```

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

```
.border{ border-color:#65759A }
```

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

Here you see how a box with a 4 pixel #65759A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65759A; -webkit-box-shadow:4px 4px  
4px 4px #65759A; box-shadow:4px 4px 4px  
4px #65759A }
```

Background

The CSS property to change the background color of an element to Decimal 6649242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65759A }
```

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

```
.background{ background-color:#65759A }
```

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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