

Converting Colors

Decimal(6649244)

Have a look what the booklet for
Decimal(6649244) contains.

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Color

Decimal(6649244)

Conversions

Conversions Part 1

Format	Color
Hex	65759C
RGB	101, 117, 156
RGB Percent	40%, 46%, 61%
CMY	0.6039, 0.5412, 0.3882
CMYK	0.35, 0.25, 0.00, 0.39
HSL	223°, 22%, 50%
HSV	223°, 35%, 61%
XYZ	17.7289, 17.8896, 33.9711
YIQ	116.6620, -22.0550, 8.7370

Conversions

Conversions Part 2

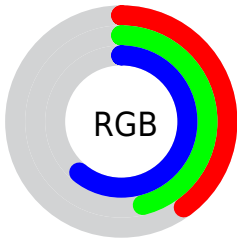
Format	Color
RYB	101, 113, 156
Decimal	6649244
CIELab	49.36, 3.95, -22.96
CIELCh	49, 23.292, 279.765
Yxy	17.8896, 0.2548, 0.2571
Android (android.graphics.Color)	4284839324 (0xFF65759C)
YUV	116.6620, 19.3936, -13.7356
Hunter-Lab	42.2961, 0.8021, -18.0129

Details

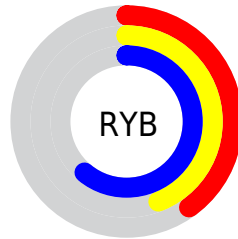
The Decimal color **6649244** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10259557**, and the grayscale version is **7631988**.

A 20% lighter version of the original color is **10070483**, and **3360105** is the 20% darker color. If you saturate the color by 10%, you get **5597852**, and if you desaturate by 10%, it is **7700636**.

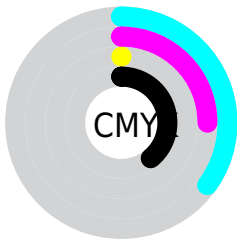
Distribution



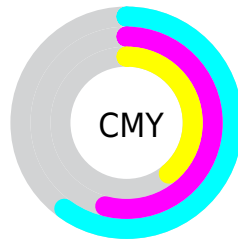
- Red (40%)
- Green (46%)
- Blue (61%)



- Red (40%)
- Yellow (44%)
- Blue (61%)



- Cyan (35%)
- Magenta (25%)
- Yellow (0%)
- Black (39%)



- Cyan (60%)
- Magenta (54%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6649244 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 6649244 by changing the saturation by 10% instead.

■ 6649244

■ 6649244

16777215

■ 5004418

■ 10070483

■ 3360105

■ 11912431

■ 1716048

■ 13754623

■ 6713

■ 15597055

■ 292

■ 11

■ 0

■ 6649244

■ 6649244

■ 5597852

■ 7700636

■ 4611996

■ 8686492

■ 3560604

■ 9737884

■ 2574748

■ 10723740

■ 1523356

■ 11775132

■ 471964

■ 12826524

■ 11676

■ 13812380

■ 14863772

■ 15849884

Harmonies

Analogous

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



4750234



6649244



8416916

Triad

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



6649244



10119517



5275495

Complementary

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



6649244



10259557

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.



6782038



6649244



9400401

Square

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



6649244



10250095



8222286



3899515

Rectangle

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



6649244



9333386



8222286



5733985

Sweetspot

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



6649244



11975884



6659212



5856614



15132390



6710886

Same Dimension

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



6649244



7770060



7366044



4671823



10895



1039

Inverse Universe

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



10249589



13399695



9542757



5195593



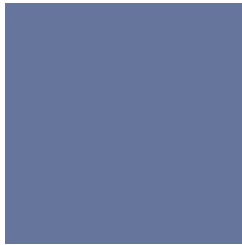
9371690



983044

Previews

White Background



This preview shows how the Decimal color 6649244 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 6649244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

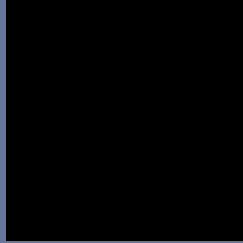
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

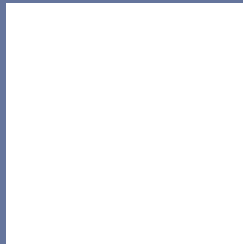
Any Text WCAG AAA × Fail

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

Decimal 6649244 Background



This preview shows how black text looks on a background with the Decimal color 6649244.

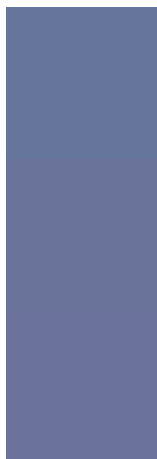


This preview shows how white text looks on a background with the Decimal color 6649244.

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

6649244

Protanopia

6976667

Deuteranopia

7041948

Trichromacy



Original Color

6649244

Protanomaly

6845595

Deuteranomaly

6911132

Tritanomaly

6387852

Monochromacy



Original Color

6649244

Achromatopsia

7697781

Achromatomaly

7304579

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6649244 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 #65759C looks like.

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

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 #65759C colored shadow looks like.

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

Border

The CSS property to change the border of an element to Decimal 6649244 is called "border". The border property can be set on classes, ids or directly on the HTML element.

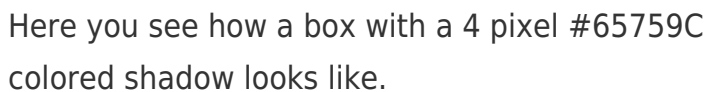
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#65759C }
```

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

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

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



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

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

Background

The CSS property to change the background color of an element to Decimal 6649244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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