

Converting Colors

Decimal(6649001)

Have a look what the booklet for
Decimal(6649001) contains.

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Color

Decimal(6649001)

Conversions

Conversions Part 1

Format	Color
Hex	6574A9
RGB	101, 116, 169
RGB Percent	40%, 45%, 66%
CMY	0.6039, 0.5451, 0.3373
CMYK	0.40, 0.31, 0.00, 0.34
HSL	227°, 28%, 53%
HSV	227°, 40%, 66%
XYZ	18.7737, 18.1221, 40.0445
YIQ	117.5570, -25.9530, 13.3030

Conversions

Conversions Part 2

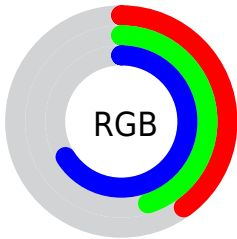
Format	Color
R_{YB}	101, 113, 169
Decimal	6649001
CIE _{Lab}	49.64, 8.24, -30.11
CIE _{LCh}	50, 31.221, 285.304
Yxy	18.1221, 0.2440, 0.2355
Android (android.graphics.Color)	4284839081 (0xFF6574A9)
YUV	117.5570, 25.3614, -14.5205
Hunter-Lab	42.5700, 4.2221, -25.9736

Details

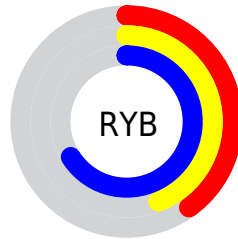
The Decimal color **6649001** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **11115109**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **10135776**, and **3228789** is the 20% darker color. If you saturate the color by 10%, you get **5531561**, and if you desaturate by 10%, it is **7766441**.

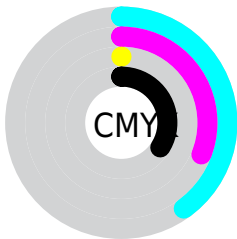
Distribution



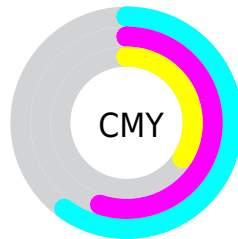
- Red (40%)
- Green (45%)
- Blue (66%)



- Red (40%)
- Yellow (44%)
- Blue (66%)



- Cyan (40%)
- Magenta (31%)
- Yellow (0%)
- Black (34%)



- Cyan (60%)
- Magenta (55%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6649001 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 6649001 by changing the saturation by 10% instead.

■ 6649001

■ 6649001

16777215

■ 4938894

■ 10135776

■ 3228789

■ 11977725

■ 1453660

■ 13819903

■ 6724

■ 15727615

■ 46

■ 280

■ 0

■ 6649001

■ 6649001

■ 5531561

■ 7766441

■ 4414121

■ 8883881

■ 3296425

■ 10001577

■ 2178985

■ 11119017

■ 1061545

■ 12170921

■ 9641

■ 13288361

■ 14405801

■ 15523241

■ 16640937

Harmonies

Analogous

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



3440041



6649001



9071259

Triad

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



6649001



10774354



3703656

Complementary

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



6649001



11115109

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.



6061904



6649001



9596995

Square

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



6649001



11100521



8026434



33923

Rectangle

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



6649001



10184077



8026434



4555359

Sweetspot

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



6649001



12699611



6662553



6185582



15592941



7237230

Same Dimension

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



6649001



7506395



7824809



5000788



8596



1300

Inverse Universe

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



11101556



14381705



9939301



5524558



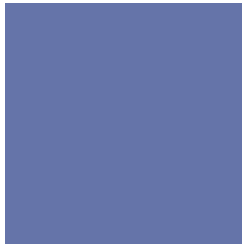
9699361



1310725

Previews

White Background



This preview shows how the Decimal color 6649001 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 6649001 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

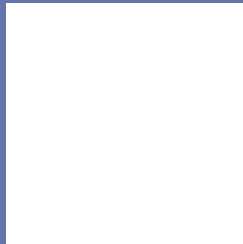
Any Text WCAG AAA × Fail

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

Decimal 6649001 Background



This preview shows how black text looks on a background with the Decimal color 6649001.



This preview shows how white text looks on a background with the Decimal color 6649001.

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
6649001

Protanopia
6649001

Deuteranopia
6452649



Tritanopia
6060933

Trichromacy



Original Color
6649001

Protanomaly
6649001

Deuteranomaly
6518185

Tritanomaly
6256786

Monochromacy



Original Color
6649001

Achromatopsia
7763574

Achromatomaly
7370121

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6649001 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 #6574A9 looks like.

```
.text, #text, p{  
    color:#6574A9  
}
```

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 #6574A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6574A9
}
```

Border

The CSS property to change the border of an element to Decimal 6649001 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
#6574A9 }
```

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

```
.border{ border-color:#6574A9 }
```

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

Here you see how a box with a 4 pixel #6574A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6574A9; -webkit-box-shadow:4px 4px  
4px 4px #6574A9; box-shadow:4px 4px 4px  
4px #6574A9 }
```

Background

The CSS property to change the background color of an element to Decimal 6649001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6574A9 }
```

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

```
.background{ background-color:#6574A9 }
```

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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