

Converting Colors

Decimal(6582165)

Have a look what the booklet for
Decimal(6582165) contains.

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Color

Decimal(6582165)

Conversions

Conversions Part 1

Format	Color
Hex	646F95
RGB	100, 111, 149
RGB Percent	39%, 44%, 58%
CMY	0.6078, 0.5647, 0.4157
CMYK	0.33, 0.26, 0.00, 0.42
HSL	227°, 20%, 49%
HSV	227°, 33%, 58%
XYZ	16.3648, 16.2481, 30.7075
YIQ	112.0430, -18.7540, 9.4860

Conversions

Conversions Part 2

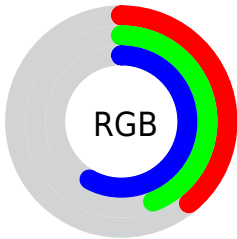
Format	Color
R_{YB}	100, 109, 149
Decimal	6582165
CIE _{Lab}	47.30, 5.32, -22.02
CIE _{LCh}	47, 22.656, 283.586
Yxy	16.2481, 0.2584, 0.2566
Android (android.graphics.Color)	4284772245 (0xFF646F95)
YUV	112.0430, 18.2198, -10.5617
Hunter-Lab	40.3090, 1.9274, -16.9510

Details

The Decimal color **6582165** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9800292**, and the grayscale version is **7368816**.

A 20% lighter version of the original color is **10003403**, and **3358818** is the 20% darker color. If you saturate the color by 10%, you get **5596053**, and if you desaturate by 10%, it is **7568277**.

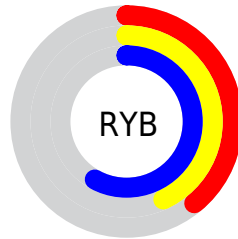
Distribution



 Red (39%)

 Green (44%)

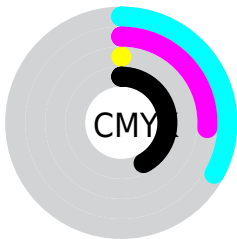
 Blue (58%)



 Red (39%)

 Yellow (43%)

 Blue (58%)

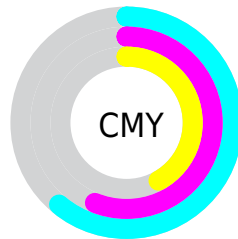


 Cyan (33%)

 Magenta (26%)

 Yellow (0%)

 Black (42%)



 Cyan (61%)

 Magenta (56%)

 Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6582165 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 6582165 by changing the saturation by 10% instead.



6582165



6582165

16777215



4937595



10003403



3358818



11779815



1780298



13621759



71219



15529727



542



0



6582165



6582165



5596053



7568277



4610197



8554133

■ 3624085

■ 9540245

■ 2638229

■ 10526101

■ 1717653

■ 11512213

■ 731797

■ 12432533

■ 8597

■ 13418645

■ 14404501

■ 15390613

Harmonies

Analogous

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



4748692



6582165



8284300

Triad

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



6582165



9659735



4815461

Complementary

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



6582165



9800292

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.



6256468



6582165



8874828

Square

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



6582165



9855592



7696971



3570552

Rectangle

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



6582165



9069953



7696971



5273951

Sweetspot

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



6582165



11449282



6591882



5593185



14737632



6381921

Same Dimension

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



6582165



7768002



7431317



4408394



8074



522

Inverse Universe

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



9790575



12744327



8951140



4866884



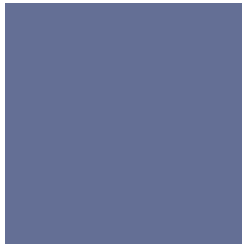
9043999



655362

Previews

White Background



This preview shows how the Decimal color 6582165 looks on a white background.

Color Contrast Check

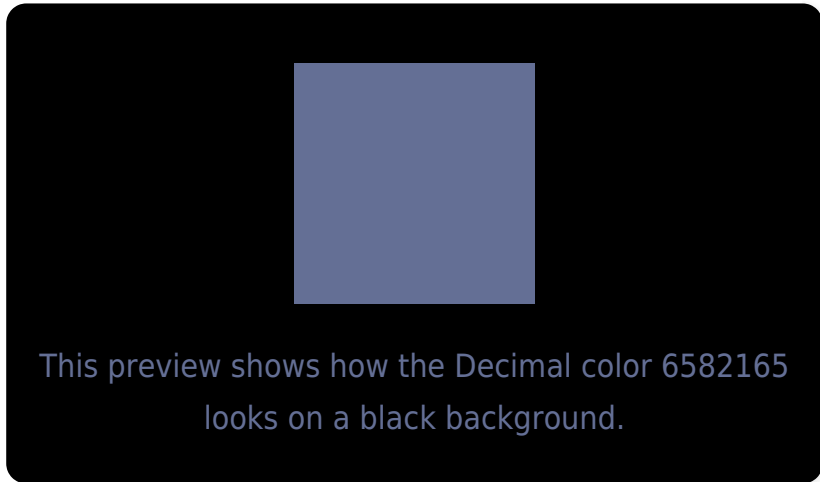
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

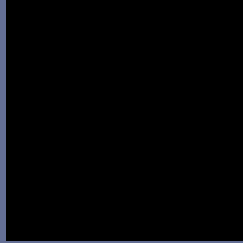
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

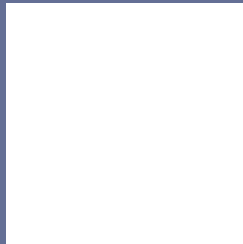
Any Text WCAG AAA × Fail

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

Decimal 6582165 Background



This preview shows how black text looks on a background with the Decimal color 6582165.



This preview shows how white text looks on a background with the Decimal color 6582165.

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

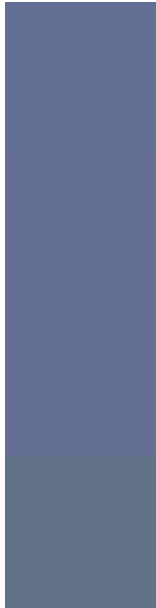


Original Color
6582165

Protanopia
6647701

Deuteranopia
6712981

Trichromacy



Original Color
6582165

Protanomaly
6647701

Deuteranomaly
6647445

Tritanomaly
6386310

Monochromacy



Original Color
6582165

Achromatopsia
7368816

Achromatomaly
7106685

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6582165 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 #646F95 looks like.

```
.text, #text, p{  
    color:#646F95  
}
```

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 #646F95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #646F95
}
```

Border

The CSS property to change the border of an element to Decimal 6582165 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
#646F95 }
```

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

```
.border{ border-color:#646F95 }
```

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

Here you see how a box with a 4 pixel #646F95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #646F95; -webkit-box-shadow:4px 4px  
4px 4px #646F95; box-shadow:4px 4px 4px  
4px #646F95 }
```

Background

The CSS property to change the background color of an element to Decimal 6582165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#646F95 }
```

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

```
.background{ background-color:#646F95 }
```

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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