

Converting Colors

Decimal(6646716)

Have a look what the booklet for
Decimal(6646716) contains.

Decimal(6646716)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(6646716)

Conversions

Conversions Part 1

Format	Color
Hex	656BBC
RGB	101, 107, 188
RGB Percent	40%, 42%, 74%
CMY	0.6039, 0.5804, 0.2627
CMYK	0.46, 0.43, 0.00, 0.26
HSL	236°, 39%, 57%
HSV	236°, 46%, 74%
XYZ	19.7016, 16.9129, 49.8031
YIQ	114.4400, -29.5770, 23.9190

Conversions

Conversions Part 2

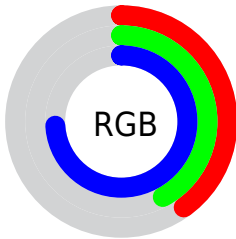
Format	Color
R_{YB}	101, 107, 188
Decimal	6646716
CIE _{Lab}	48.15, 19.40, -43.49
CIE _{LCh}	48, 47.624, 294.038
Yxy	16.9129, 0.2280, 0.1957
Android (android.graphics.Color)	4284836796 (0xFF656BBC)
YUV	114.4400, 36.2651, -11.7869
Hunter-Lab	41.1253, 13.5434, -43.0129

Details

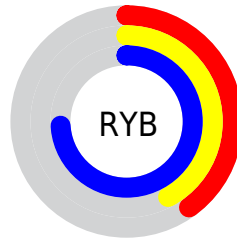
The Decimal color **6646716** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **12367461**, and the grayscale version is **7500402**.

A 20% lighter version of the original color is **10264309**, and **2964614** is the 20% darker color. If you saturate the color by 10%, you get **5396924**, and if you desaturate by 10%, it is **7896508**.

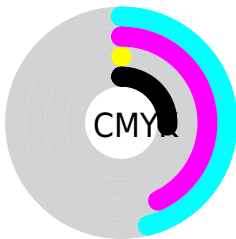
Distribution



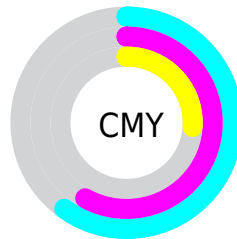
- Red (40%)
- Green (42%)
- Blue (74%)



- Red (40%)
- Yellow (42%)
- Blue (74%)



- Cyan (46%)
- Magenta (43%)
- Yellow (0%)
- Black (26%)



- Cyan (60%)
- Magenta (58%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6646716 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 6646716 by changing the saturation by 10% instead.

■ 6646716

■ 6646716

16777215

■ 4871073

■ 10264309

■ 2964614

■ 12106239

■ 403308

■ 14013951

■ 4948

■ 15921663

■ 60

■ 549

■ 270

■ 0

■ 6646716

■ 6646716

■ 5396924

■ 7896508

■ 4147388

■ 9146044

■ 2963132

■ 10330300

■ 1713596

■ 11579836

■ 463804

■ 12829628

■ 3516

■ 14079164

■ 15328956

■ 16512956

■ 16777148

Harmonies

Analogous

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



31170



6646716



10181282

Triad

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



6646716



11296305



34153

Complementary

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



6646716



12367461

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.



3440961



6646716



9334044

Square

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



6646716



12275796



6847010



34194

Rectangle

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



6646716



11555209



6847010



33883

Sweetspot

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



6646716



13882869



6667445



6711162



16448250



8026746

Same Dimension

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



6646716



7108085



9004476



5592670



2974



543

Inverse Universe

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



12346731



16084085



10009701



6182230



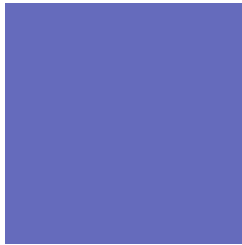
10354699



2031618

Previews

White Background



This preview shows how the Decimal color 6646716 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 6646716 looks on a 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 6646716 Background



This preview shows how black text looks on a background with the Decimal color 6646716.



This preview shows how white text looks on a background with the Decimal color 6646716.

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





Tritanopia
5601410

Trichromacy



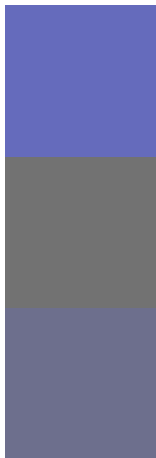
Original Color
6646716

Protanomaly
5795519

Deuteranomaly
5337275

Tritanomaly
5993367

Monochromacy



Original Color
6646716

Achromatopsia
7500402

Achromatomaly
7171981

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6646716 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 #656BBC looks like.

```
.text, #text, p{  
    color:#656BBC  
}
```

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 #656BBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #656BBC
}
```

Border

The CSS property to change the border of an element to Decimal 6646716 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
#656BBC }
```

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

```
.border{ border-color:#656BBC }
```

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

Here you see how a box with a 4 pixel #656BBC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #656BBC; -webkit-box-shadow:4px 4px  
4px 4px #656BBC; box-shadow:4px 4px 4px  
4px #656BBC }
```

Background

The CSS property to change the background color of an element to Decimal 6646716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#656BBC }
```

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

```
.background{ background-color:#656BBC }
```

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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