

Converting Colors

Decimal(6666095)

Have a look what the booklet for
Decimal(6666095) contains.

| | |
|--|----|
| Decimal(6666095) | 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(6666095)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 65B76F |
| RGB | 101, 183, 111 |
| RGB Percent | 40%, 72%, 44% |
| CMY | 0.6039, 0.2824, 0.5647 |
| CMYK | 0.45, 0.00, 0.39, 0.28 |
| HSL | 127°, 36%, 56% |
| HSV | 127°, 45%, 72% |
| XYZ | 25.1696, 37.7814, 21.0049 |
| YIQ | 150.2740, -25.7600, -39.7760 |

Conversions

Conversions Part 2

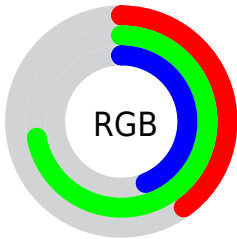
| Format | Color |
|-------------------------------------|--|
| RYB | 101, 174, 183 |
| Decimal | 6666095 |
| CIELab | 67.86, -40.38, 29.02 |
| CIELCh | 68, 49.728, 144.294 |
| Yxy | 37.7814, 0.2998, 0.4500 |
| Android (android.graphics.Color) | 4284856175 (0xFF65B76F) |
| YUV | 150.2740, -19.3621, -43.2133 |
| Hunter-Lab | 61.4666, -34.4736, 22.7655 |

Details

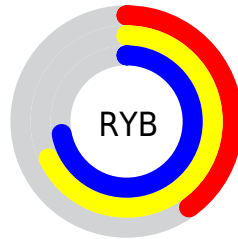
The Decimal color **6666095** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **12019117**, and the grayscale version is **9868950**.

A 20% lighter version of the original color is **10285219**, and **2982206** is the 20% darker color. If you saturate the color by 10%, you get **5486431**, and if you desaturate by 10%, it is **7845759**.

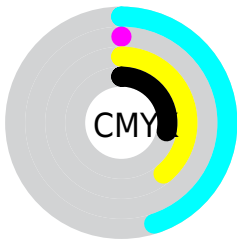
Distribution



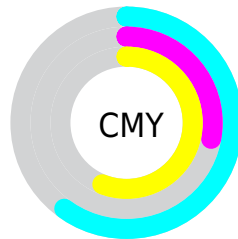
- Red (40%)
- Green (72%)
- Blue (44%)



- Red (40%)
- Yellow (68%)
- Blue (72%)



- Cyan (45%)
- Magenta (0%)
- Yellow (39%)
- Black (28%)



- Cyan (60%)
- Magenta (28%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6666095 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 6666095 by changing the saturation by 10% instead.



6666095



6666095

16777215



4889686



10285219



2982206



12124095



485415



14024667



20239



15925239



14080



8704



0



6666095



6666095



5486431



7845759

 4241231

 9090959

 3061567

 10270623

 1881903

 11450287

 636703

 12695487

 46870

 13875151

 15054815

 16234480

 16758783

Harmonies

Analogous

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



10202704



6666095



48283

Triad

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



6666095



3714558



16351875

Complementary

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



6666095



12019117

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.



16023728



6666095



10198519

Square

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



6666095



47085



13994970



15241054

Rectangle

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



6666095



48314



13994970



16416913

Sweetspot

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



6666095



13561298



11384677



6649959



16250871



7895160

Same Dimension

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



6666095



7204221



6666136



5463124



39955



7171

Inverse Universe

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



12019117



15560158



12019076



6050651



10223753



1835033

Previews

White Background



This preview shows how the Decimal color 6666095 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 6666095 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 ✓ Pass

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

Decimal 6666095 Background



This preview shows how black text looks on a background with the Decimal color 6666095.



This preview shows how white text looks on a background with the Decimal color 6666095.

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
7777980

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6666095 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 #65B76F looks like.

```
.text, #text, p{  
    color:#65B76F  
}
```

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 #65B76F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65B76F
}
```

Border

The CSS property to change the border of an element to Decimal 6666095 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
#65B76F }
```

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

```
.border{ border-color:#65B76F }
```

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

Here you see how a box with a 4 pixel #65B76F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65B76F; -webkit-box-shadow:4px 4px  
4px 4px #65B76F; box-shadow:4px 4px 4px  
4px #65B76F }
```

Background

The CSS property to change the background color of an element to Decimal 6666095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65B76F }
```

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

```
.background{ background-color:#65B76F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor