

Converting Colors

Hex(646265)

Have a look what the booklet for
Hex(646265) contains.

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Color

Hex(646265)

Conversions

Conversions Part 1

Format	Color
Hex	646265
RGB	100, 98, 101
RGB Percent	39%, 38%, 40%
CMY	0.6078, 0.6157, 0.6039
CMYK	0.01, 0.03, 0.00, 0.60
HSL	280°, 2%, 39%
HSV	280°, 3%, 40%
XYZ	11.9722, 12.3843, 14.0713
YIQ	98.9400, 0.2290, 1.3570

Conversions

Conversions Part 2

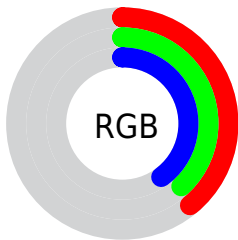
Format	Color
R_{YB}	100, 98, 101
Decimal	6578789
CIE Lab	41.82, 1.41, -1.43
CIE LCh	42, 2.007, 314.731
Yxy	12.3843, 0.3116, 0.3223
Android (android.graphics.Color)	4284768869 (0xFF646265)
YUV	98.9400, 1.0156, 0.9296
Hunter-Lab	35.1913, -0.8586, 0.9267

Details

The Hex color **646265** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **636562**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **979598**, and **353436** is the 20% darker color. If you saturate the color by 10%, you get **615865**, and if you desaturate by 10%, it is **676C65**.

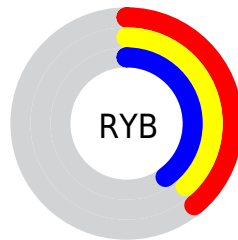
Distribution



Red (39%)

Green (38%)

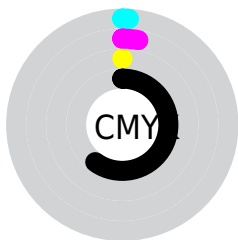
Blue (40%)



Red (39%)

Yellow (38%)

Blue (40%)

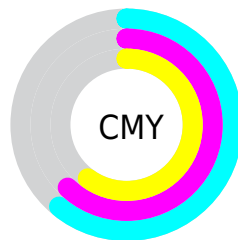


Cyan (1%)

Magenta (3%)

Yellow (0%)

Black (60%)



Cyan (61%)

Magenta (62%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 646265 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 Hex color 646265 by changing the saturation by 10% instead.

■ 646265

■ 646265

FFFFFF

■ 4C4A4D

■ 979598

■ 353436

■ B1AFB3

■ 201F21

■ CDCBCE

■ 09060A

■ E9E7EA

■ 000000

■ 646265

■ 646265

■ 615865

■ 676C65

■ 5D4E65

■ 6B7665

■ 5A4465

■ 6E8065

■ 573A65

■ 718A65

■ 533065

■ 759565

■ 502565

■ 789F65

■ 4C1B65

■ 7CA965

■ 491165

■ 7FB365

■ 460765

■ 82BD65

Harmonies

Analogous

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



626366



646265



666264

Triad

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



646265



656260



5F6463

Complementary

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



646265



636562

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.



606462



646265



63635F

Square

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



646265



666260



616360



5F6365

Rectangle

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



646265



666262



616360



5F6463

Sweetspot

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



646265



828182



626365



424242



C2C2C2

Same Dimension

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



646265



807D82



656265



323033



4D0073



A200F2

Inverse Universe

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



656263



827D7F



626563



333031



730026



F20051

Previews

White Background



This preview shows how the Hex color 646265 looks on a white background.

Color Contrast Check

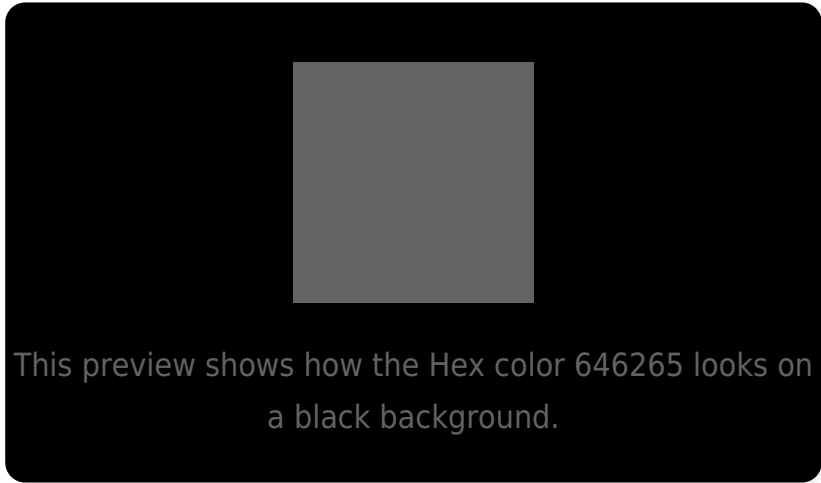
Large Text (above 18pt) WCAG AA ✓ Pass

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

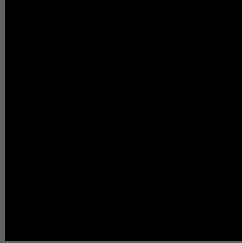
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

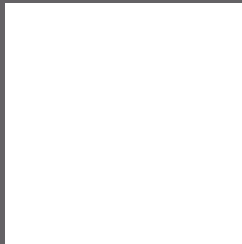
Any Text WCAG AAA × Fail

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

Hex 646265 Background



This preview shows how black text looks on a background with the Hex color 646265.



This preview shows how white text looks on a background with the Hex color 646265.

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

646265

Protanopia

646265

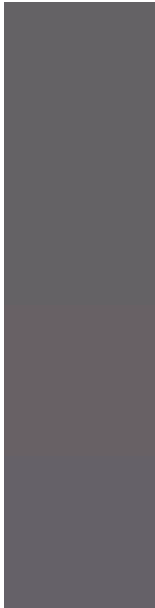
Deuteranopia

6B6065



Tritanopia
656169

Trichromacy



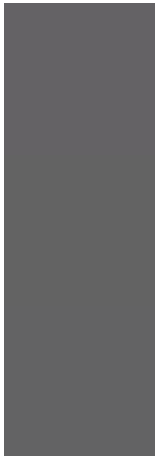
Original Color
646265

Protanomaly
646265

Deuteranomaly
686165

Tritanomaly
656168

Monochromacy



Original Color
646265

Achromatopsia
636363

Achromatomaly
636364

CSS Examples

Text

The CSS property to change the color of the text to Hex 646265 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 #646265 looks like.

```
.text, #text, p{  
    color:#646265  
}
```

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 #646265 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #646265
}
```

Border

The CSS property to change the border of an element to Hex 646265 is called "border". The border property can be set on classes, ids or directly on the HTML element.

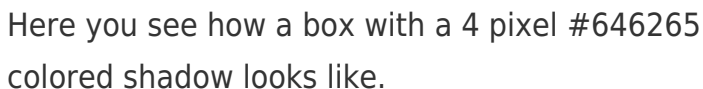
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#646265 }
```

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

```
.border{ border-color:#646265 }
```

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



Here you see how a box with a 4 pixel #646265 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #646265; -webkit-box-shadow:4px 4px  
4px 4px #646265; box-shadow:4px 4px 4px  
4px #646265 }
```

Background

The CSS property to change the background color of an element to Hex 646265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#646265 }
```

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

```
.background{ background-color:#646265 }
```

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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