

Converting Colors

Hex(5D6624)

Have a look what the booklet for
Hex(5D6624) contains.

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Color

Hex(5D6624)

Conversions

Conversions Part 1

Format	Color
Hex	5D6624
RGB	93, 102, 36
RGB Percent	36%, 40%, 14%
CMY	0.6353, 0.6000, 0.8588
CMYK	0.09, 0.00, 0.65, 0.60
HSL	68°, 48%, 27%
HSV	68°, 65%, 40%
XYZ	9.5840, 11.9573, 3.4719
YIQ	91.7850, 15.8220, -22.4340

Conversions

Conversions Part 2

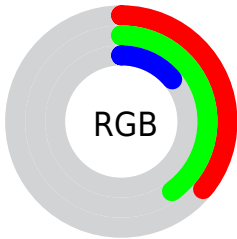
Format	Color
RYB	36, 102, 45
Decimal	6120996
CIELab	41.15, -13.60, 35.11
CIELCh	41, 37.654, 111.181
Yxy	11.9573, 0.3832, 0.4780
Android (android.graphics.Color)	4284311076 (0xFF5D6624)
YUV	91.7850, -27.5020, 1.0656
Hunter-Lab	34.5793, -11.0406, 18.2525

Details

The Hex color **5D6624** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2D2466**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **919954**, and **2D3700** is the 20% darker color. If you saturate the color by 10%, you get **5C661A**, and if you desaturate by 10%, it is **5E662E**.

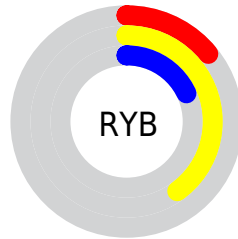
Distribution



Red (36%)

Green (40%)

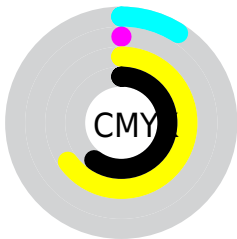
Blue (14%)



Red (14%)

Yellow (40%)

Blue (18%)

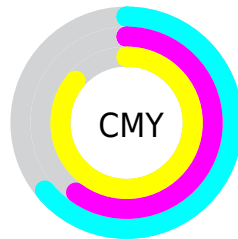


Cyan (9%)

Magenta (0%)

Yellow (65%)

Black (60%)



Cyan (64%)

Magenta (60%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D6624 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 5D6624 by changing the saturation by 10% instead.

 5D6624

 5D6624

FFFFFF

 444E0B

 919954

 2D3700

 ACB46D

 152200

 C8CF87

 000800

 E5EBA2

 000000

 FFFFBD

 FFFFD9

 FFFFF6

 5D6624

 5D6624

■ 5C661A

■ 5E662E

■ 5A6610

■ 606638

■ 596605

■ 616643

■ 586600

■ 63664D

■ 646657

■ 656661

■ 67666B

■ 686676

■ 6A6680

Harmonies

Analogous

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



7A5C21



5D6624



386C39

Triad

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



5D6624



006E91



95476C

Complementary

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



5D6624



2D2466

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.



7E5088



5D6624



00679E

Square

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



5D6624



007076



535D9B



9A474C

Rectangle

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



5D6624



0A6F4C



535D9B



8F4976

Sweetspot

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



5D6624



81856B



662D24



404233



C2C2C2



424242

Same Dimension

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



5D6624



76851D



3C6624



32332E



637300



D1F200

Inverse Universe

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



2D2466



2B1D85



4E2466



2F2E33



100073



2100F2

Previews

White Background



This preview shows how the Hex color 5D6624 looks on a white background.

Color Contrast Check

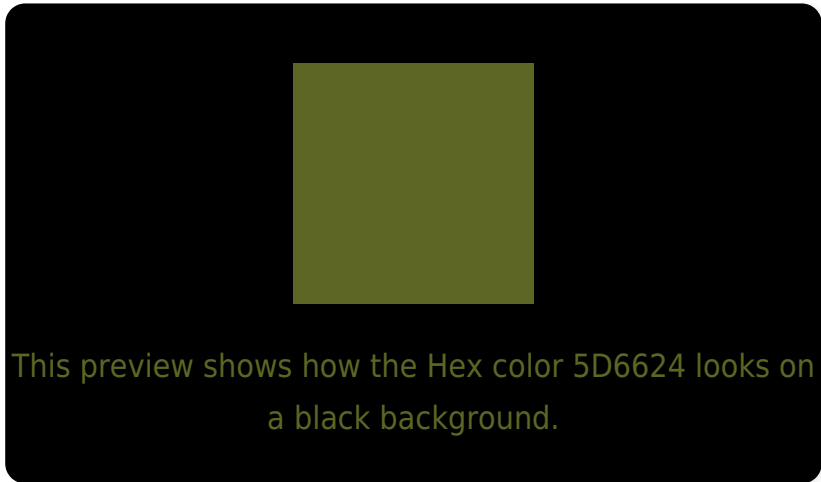
Large Text (above 18pt) WCAG AA ✓ Pass

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

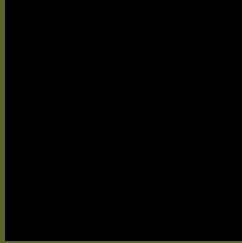
Any Text WCAG AA × Fail

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 5D6624 Background



This preview shows how black text looks on a background with the Hex color 5D6624.



This preview shows how white text looks on a background with the Hex color 5D6624.

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
5D6624

Protanopia
6C6123

Deuteranopia
795C27



Tritanopia
645F67

Trichromacy



Original Color
5D6624

Protanomaly
676323

Deuteranomaly
6F6026

Tritanomaly
61624F

Monochromacy



Original Color
5D6624

Achromatopsia
5C5C5C

Achromatomaly
5C6048

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D6624 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 #5D6624 looks like.

```
.text, #text, p{  
    color:#5D6624  
}
```

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 #5D6624 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D6624
}
```

Border

The CSS property to change the border of an element to Hex 5D6624 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
#5D6624 }
```

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

```
.border{ border-color:#5D6624 }
```

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

Here you see how a box with a 4 pixel #5D6624 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D6624; -webkit-box-shadow:4px 4px  
4px 4px #5D6624; box-shadow:4px 4px 4px  
4px #5D6624 }
```

Background

The CSS property to change the background color of an element to Hex 5D6624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D6624 }
```

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

```
.background{ background-color:#5D6624 }
```

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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