

Converting Colors

Hex(F25521)

Have a look what the booklet for
Hex(F25521) contains.

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Color

Hex(F25521)

Conversions

Conversions Part 1

Format	Color
Hex	F25521
RGB	242, 85, 33
RGB Percent	95%, 33%, 13%
CMY	0.0510, 0.6667, 0.8706
CMYK	0.00, 0.65, 0.86, 0.05
HSL	15°, 89%, 54%
HSV	15°, 86%, 95%
XYZ	40.1410, 25.4841, 4.2421
YIQ	126.0150, 110.2640, 17.1120

Conversions

Conversions Part 2

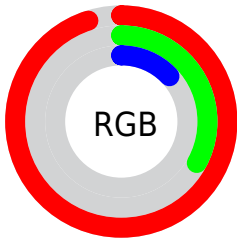
Format	Color
R_{YB}	242, 102, 33
Decimal	15881505
CIE Lab	57.54, 58.13, 59.00
CIE LCh	58, 82.828, 45.423
Yxy	25.4841, 0.5745, 0.3648
Android (android.graphics.Color)	4294071585 (0xFFFF25521)
YUV	126.0150, -45.8564, 101.7188
Hunter-Lab	50.4817, 53.5927, 30.3549

Details

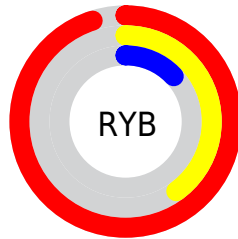
The Hex color **F25521** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **21BEF2**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF8D54**, and **B11400** is the 20% darker color. If you saturate the color by 10%, you get **F24309**, and if you desaturate by 10%, it is **F26739**.

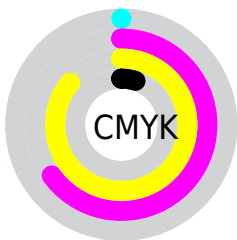
Distribution



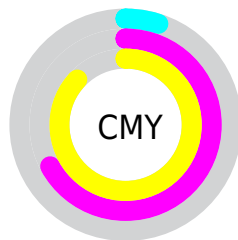
- Red (95%)
- Green (33%)
- Blue (13%)



- Red (95%)
- Yellow (40%)
- Blue (13%)



- Cyan (0%)
- Magenta (65%)
- Yellow (86%)
- Black (5%)



- Cyan (5%)
- Magenta (67%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color F25521 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 F25521 by changing the saturation by 10% instead.

 F25521

 F25521

FFFFFF

 D13802

 FF8D54

 B11400

 FFA96E

 910000

 FFC688

 720000

 FFE3A3

 530000

 FFFFBF

 380002

 FFFFDB

 0C0000

 FFFFF8

 000000

 F25521

 F25521

 F24309

 F26739

 F23C00

 F27951

 F28C6A

 F29E82

 F2B09A

 F2C2B2

 F2D4CA

 F2E6E3

 F2F9FB

Harmonies

Analogous

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



FF2B69



F25521



C47A00

Triad

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



F25521



00A763



0087FF

Complementary

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



F25521



21BEF2

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.



009DFF



F25521



00A9AF

Square

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



F25521



19A006



00A7F1



BA62F1

Rectangle

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



F25521



9C8C00



00A7F1



0090FF

Sweetspot

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



F25521



FFCDBD



F221C1



806258



000000



808080

Same Dimension

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



F25521



FF3F00



F2BA21



786F6C



B82E00



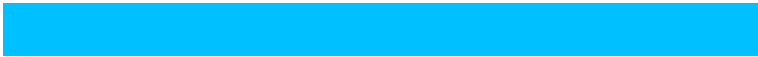
380E00

Inverse Universe

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



21BEF2



00C0FF



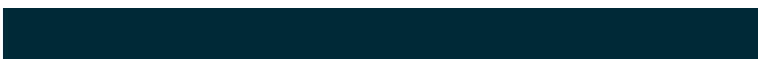
2159F2



6C7578



008AB8



002A38

Previews

White Background



This preview shows how the Hex color F25521 looks on a white 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

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 × Fail

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

Hex F25521 Background



This preview shows how black text looks on a background with the Hex color F25521.

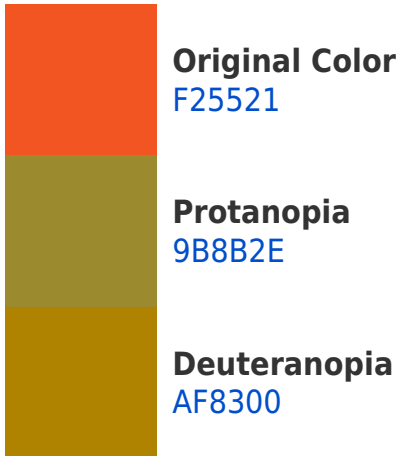


This preview shows how white text looks on a background with the Hex color F25521.

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



Trichromacy



Original Color
F25521

Protanomaly
BB7729

Deuteranomaly
C7720C

Tritanomaly
F35241

Monochromacy



Original Color
F25521

Achromatopsia
7E7E7E

Achromatomaly
A86F5C

CSS Examples

Text

The CSS property to change the color of the text to Hex F25521 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 #F25521 looks like.

```
.text, #text, p{  
    color:#F25521  
}
```

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 #F25521 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F25521
}
```

Border

The CSS property to change the border of an element to Hex F25521 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
#F25521 }
```

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

```
.border{ border-color:#F25521 }
```

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

Here you see how a box with a 4 pixel #F25521 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F25521; -webkit-box-shadow:4px 4px  
4px 4px #F25521; box-shadow:4px 4px 4px  
4px #F25521 }
```

Background

The CSS property to change the background color of an element to Hex F25521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F25521 }
```

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

```
.background{ background-color:#F25521 }
```

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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