

Converting Colors

HunterLab(64.6832, 20.7012,
38.0709)

Have a look what the booklet for
HunterLab(64.6832, 20.7012,
38.0709) contains.

HunterLab(64.6851, 20.5382, 38.0341)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(64.6851, 20.5382,
38.0341)**

Conversions

Conversions Part 1

Format	Color
Hex	F2992C
RGB	242, 153, 44
RGB Percent	95%, 60%, 17%
CMY	0.0510, 0.4000, 0.8274
CMYK	0.00, 0.37, 0.82, 0.05
HSL	33°, 88%, 56%
HSV	33°, 82%, 95%
XYZ	48.4639, 41.8416, 7.9048
YIQ	167.1850, 88.0330, -15.0310

Conversions

Conversions Part 2

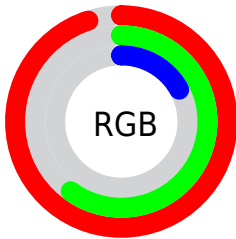
Format	Color
R _{YB}	206, 242, 44
Decimal	15898924
CIE _{Lab}	70.76, 25.47, 66.16
CIE _{LCh}	71, 70.891, 68.940
Yxy	41.8438, 0.4935, 0.4260
Android (android.graphics.Color)	4294089004 (0xFFFF2992C)
YUV	167.1850, -60.7302, 65.6128
Hunter-Lab	64.6851, 20.5382, 38.0341

Details

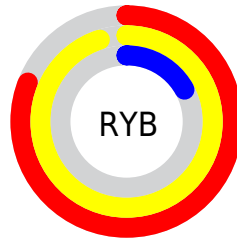
The HunterLab color **64.6851, 20.5382, 38.0341** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **48.7035, 8.0542, -72.1116**, and the grayscale version is **62.4580, -3.3326, 3.3935**.

A 20% lighter version of the original color is **82.0199, 0.2056, 42.0108**, and **43.8247, 19.3238, 27.3429** is the 20% darker color. If you saturate the color by 10%, you get **61.8964, 25.5917, 37.9631**, and if you desaturate by 10%, it is **67.6805, 15.8607, 37.1626**.

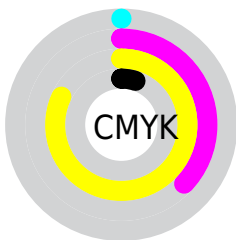
Distribution



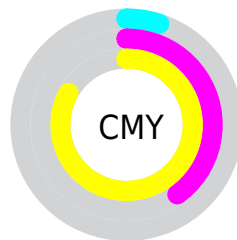
- Red (95%)
- Green (60%)
- Blue (17%)



- Red (81%)
- Yellow (95%)
- Blue (17%)



- Cyan (0%)
- Magenta (37%)
- Yellow (82%)
- Black (5%)



- Cyan (5%)
- Magenta (40%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.6851, 20.5382, 38.0341 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 HunterLab color 64.6851, 20.5382, 38.0341 by changing the saturation by 10% instead.

64.6851, 20.5382,
38.0341

64.6851, 20.5382,
38.0341

188.1050, 23.0464,
73.3950

53.8321, 19.8856,
33.3346

88.2967, 21.5645,
46.8227

43.6634, 19.1339,
28.3963

100.9884, 21.9622,
50.9619

34.2304, 18.2660,
23.4617

114.2358, 22.2902,
54.9606

25.5957, 17.2662,
17.9170

128.0166, 22.5540,
58.8370

17.8415, 16.1183,
12.4890

142.3109, 22.7578,
62.6065

11.0820, 14.8170,
7.7574

157.1009, 22.9056,

2.9065, 38.0365,

66.2823

2.0346

172.3705, 23.0008,
69.8752

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.6851, 20.5382,
38.0341

■ 64.6851, 20.5382,
38.0341

■ 61.8964, 25.5917,
37.9631

■ 67.6805, 15.8607,
37.1626

■ 59.7620, 29.9342,
37.3491


■ 70.8689, 11.6152,
35.3239


■ 74.2413, 7.8167,
32.5410


■ 77.7863, 4.4667,
28.8608


■ 81.4922, 1.5549,

24.3422

 85.3479, -0.9369,
19.0491

 89.3428, -3.0313,
13.0456

 93.4670, -4.7531,
6.3932

 97.4830, -7.3833,
2.3981

Harmonies

Analogous

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



64.6868, 52.5970, 30.8245



64.6851, 20.5382, 38.0341



64.6868, -12.8705, 38.9979

Triad

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



64.6868, 20.5344, 38.0348



64.6868, -54.2830, -6.4008



64.6868, 40.6288, -61.7690

Complementary

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



64.6851, 20.5382, 38.0341



48.7035, 8.0542, -72.1116

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.



64.6868, 6.5318, -86.8665



64.6851, 20.5382, 38.0341



64.6868, -45.1927, -46.0097

Square

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



64.6868, 20.5344, 38.0348



64.6868, -52.0012, 21.4284



64.6868, -24.3890, -79.9959



64.6868, 65.6966, -21.6524

Rectangle

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



64.6851, 20.5382, 38.0341



64.6868, -30.9693, 36.9083



64.6868, -24.3890, -79.9959



64.6868, 29.5995, -72.9602

Sweetspot

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



64.6868, 20.5344, 38.0348



89.2267, -0.1815, 22.1292



47.3023, 74.8037, 2.5968



40.6133, 0.3471, 11.1538

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.6868, 20.5344, 38.0348



63.8903, 30.7963, 39.7721



89.9212, -27.3048, 53.3596



41.4748, -1.5927, 5.3010



44.1175, 21.2449, 27.5569



13.4819, 4.5214, 8.3866

Inverse Universe

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



48.7035, 8.0542, -72.1116



44.8040, 19.2987, -97.2505



29.9900, 57.2950, -146.5920



40.4952, -2.6220, -1.0395



30.9153, 13.2597, -67.2652



9.9549, 1.7382, -16.1951

Previews

White Background



This preview shows how the HunterLab color 64.6851, 20.5382, 38.0341 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 HunterLab color 64.6851, 20.5382, 38.0341 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](#).

HunterLab 64.6851, 20.5382, 38.0341 Background



This preview shows how black text looks on a background with the HunterLab color 64.6851, 20.5382, 38.0341.



This preview shows how white text looks on a background with the HunterLab color 64.6851, 20.5382,

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

64.6851, 20.5382, 38.0341

Protanopia

64.8814, -8.4583, 37.1762

Deuteranopia

64.8975, 4.7962, 38.3199



Tritanopia

64.7312, 36.4106, 12.9208

Trichromacy



Original Color

64.6851, 20.5382, 38.0341

Protanomaly

64.4009, 1.7717, 37.2386

Deuteranomaly

64.7925, 10.0999, 38.1820

Tritanomaly

64.5388, 29.2746, 25.9288

Monochromacy



Original Color

64.6851, 20.5382, 38.0341

Achromatopsia

62.1634, -3.3169, 3.3775

Achromatomaly

62.2215, 2.0807, 20.8321

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.6851, 20.5382, 38.0341 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 `rgb(242, 153, 44)` looks like.

```
.text, #text, p{  
    color:rgb(242, 153, 44)  
}
```

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 rgb(242, 153, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 153, 44) }
```

Border

The CSS property to change the border of an element to HunterLab 64.6851, 20.5382, 38.0341 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 rgb(242, 153, 44) }
```


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

```
.border{ border-color:rgb(242, 153, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 153, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 153, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 153, 44);  
box-shadow:4px 4px 4px 4px rgb(242, 153,  
44) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.6851, 20.5382, 38.0341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 153, 44) }
```

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

```
.background{ background-color: rgb(242,  
153, 44) }
```

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