

Converting Colors

HunterLab(47.5755, 74.1903,
30.3104)

Have a look what the booklet for
HunterLab(47.5755, 74.1903,
30.3104) contains.

HunterLab(47.6088, 74.0897, 30.3115)	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(47.6088, 74.0897,
30.3115)**

Conversions

Conversions Part 1

Format	Color
Hex	FF2609
RGB	255, 38, 9
RGB Percent	100%, 15%, 4%
CMY	0.0000, 0.8509, 0.9647
CMYK	0.00, 0.85, 0.96, 0.00
HSL	7°, 100%, 52%
HSV	7°, 96%, 100%
XYZ	41.9825, 22.6660, 2.4207
YIQ	99.5770, 138.6410, 36.9850

Conversions

Conversions Part 2

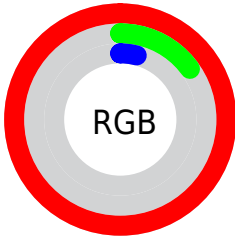
Format	Color
RYB	255, 42, 9
Decimal	16721417
CIELab	54.73, 75.92, 65.71
CIELCh	55, 100.407, 40.873
Yxy	22.6674, 0.6259, 0.3380
Android (android.graphics.Color)	4294911497 (0xFFFF2609)
YUV	99.5770, -44.6545, 136.3060
Hunter-Lab	47.6088, 74.0897, 30.3115

Details

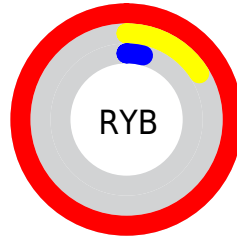
The HunterLab color **47.6088, 74.0897, 30.3115** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **78.5226, -34.3178, -23.6503**, and the grayscale version is **35.6702, -1.9033, 1.9380**.

A 20% lighter version of the original color is **56.8918, 49.6501, 30.7138**, and **32.6977, 55.9957, 21.1284** is the 20% darker color. If you saturate the color by 10%, you get **47.1091, 75.5867, 30.3517**, and if you desaturate by 10%, it is **49.6632, 68.2828, 29.9452**.

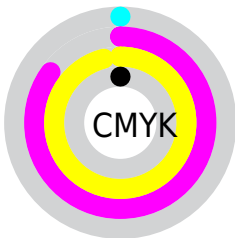
Distribution



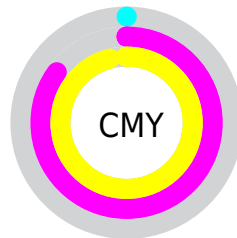
- Red (100%)
- Green (15%)
- Blue (4%)



- Red (100%)
- Yellow (16%)
- Blue (4%)



- Cyan (0%)
- Magenta (85%)
- Yellow (96%)
- Black (0%)





- Cyan (0%)
- Magenta (85%)
- Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 47.6088, 74.0897, 30.3115 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 47.6088, 74.0897, 30.3115 by changing the saturation by 10% instead.


 47.6088, 74.0897,
30.3115


 47.6088, 74.0897,
30.3115


163.0988, 92.5983,
67.4182


 37.8789, 71.6857,
25.2664


 69.1713, 78.7859,
39.7088


 28.9192, 69.3658,
20.2434


 80.9168, 81.0264,
44.0917


 20.8044, 67.3458,
14.5630

 93.2609, 83.1781,
48.2995

 13.6338, 66.2092,
9.5437

 106.1758, 85.2386,
52.3555

 7.2348, 72.0253,
5.0644

 119.6373, 87.2085,
56.2797


0.0000, INF, NaN

0.0000, INF, NaN


 133.6239, 89.0897,


60.0890


0.0000, NaN, NaN


 148.1168, 90.8852,
63.7978


0.0000, NaN, NaN

 47.6088, 74.0897,
30.3115

 47.6088, 74.0897,
30.3115


 47.1091, 75.5867,
30.3517

 49.6632, 68.2828,
29.9452

 52.7009, 60.6955,
28.7268

 56.6824, 51.9701,
26.7377

 61.5172, 42.7279,
24.1595

 67.0960, 33.4325,
21.1811

73.3115, 24.3680,
17.9552

80.0677, 15.6756,
14.5891

87.2837, 7.4025,
11.1513

94.8931, -0.4569,
7.6826

Harmonies

Analogous

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



47.6103, 103.9183, 14.8039



47.6088, 74.0897, 30.3115



47.6103, 26.5314, 33.3272

Triad

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



47.6103, 74.0839, 30.3123



47.6103, -56.9176, 21.3601



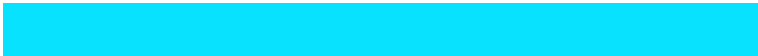
47.6103, 13.4670, -148.5046

Complementary

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



47.6088, 74.0897, 30.3115



78.5226, -34.3178, -23.6503

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.



47.6103, -25.9731, -139.4096



47.6088, 74.0897, 30.3115



47.6103, -58.3032, -14.0696

Square

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



47.6103, 74.0839, 30.3123



47.6103, -44.3224, 31.6752



47.6103, -49.1104, -78.6676



47.6103, 61.7489, -97.9784

Rectangle

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



47.6088, 74.0897, 30.3115



47.6103, -3.7531, 33.3272



47.6103, -49.1104, -78.6676



47.6103, -1.3205, -152.9703

Sweetspot

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



47.6103, 74.0839, 30.3123



78.3119, 17.8364, 15.4499



51.9256, 98.5630, -48.6805



34.8935, 9.9650, 7.8132

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.6103, 74.0839, 30.3123



47.1093, 75.5870, 30.3518



68.3116, 21.5100, 42.2455



42.8159, 0.8727, 4.0422



34.2117, 54.1144, 22.0285



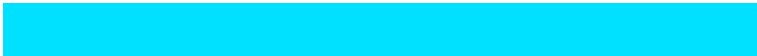
11.1575, 15.3467, 7.1439

Inverse Universe

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



78.5226, -34.3178, -23.6503



78.1183, -33.9911, -24.2641



41.2779, 27.4091, -109.9750



44.8262, -5.3310, 0.7445



56.5968, -24.7350, -17.3453



17.9385, -8.0720, -4.9964

Previews

White Background



This preview shows how the HunterLab color 47.6088, 74.0897, 30.3115 looks on a white background.

Color Contrast Check

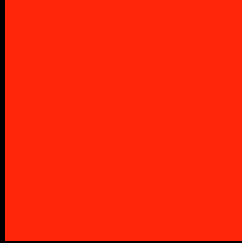
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 47.6088, 74.0897, 30.3115 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 × Fail

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

HunterLab 47.6088, 74.0897, 30.3115 Background



This preview shows how black text looks on a background with the HunterLab color 47.6088, 74.0897, 30.3115.



This preview shows how white text looks on a background with the HunterLab color 47.6088, 74.0897,

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

47.6088, 74.0897, 30.3115

Protanopia

47.8625, -6.4166, 27.5980

Deuteranopia

47.7223, 2.7373, 29.4542



Tritanopia

47.6371, 74.6722, 28.8702

Trichromacy



Original Color

47.6088, 74.0897, 30.3115

Protanomaly

44.0069, 24.4981, 26.3815

Deuteranomaly

44.5433, 31.1269, 27.8776

Tritanomaly

47.5911, 74.4945, 29.5530

Monochromacy



Original Color

47.6088, 74.0897, 30.3115

Achromatopsia

35.6984, -1.9048, 1.9396

Achromatomaly

35.7504, 24.2007, 13.6463

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.6088, 74.0897, 30.3115 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(255, 38, 9)` looks like.

```
.text, #text, p{  
    color:rgb(255, 38, 9)  
}
```

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(255, 38, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 38, 9) }
```

Border

The CSS property to change the border of an element to HunterLab 47.6088, 74.0897, 30.3115 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(255, 38, 9) }
```


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

```
.border{ border-color:rgb(255, 38, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 38, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 38, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 38, 9);  
box-shadow:4px 4px 4px 4px rgb(255, 38, 9)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 47.6088, 74.0897, 30.3115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 38, 9) }
```

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

```
.background{ background-color: rgb(255, 38,  
9) }
```

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