

Converting Colors

HunterLab(68.5394, 20.9459,
42.6004)

Have a look what the booklet for
HunterLab(68.5394, 20.9459,
42.6004) contains.

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Color

**HunterLab(68.6299, 20.7636,
42.6529)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA200
RGB	255, 162, 0
RGB Percent	100%, 64%, 0%
CMY	0.0000, 0.3647, 0.9999
CMYK	0.00, 0.36, 1.00, 0.00
HSL	38°, 100%, 50%
HSV	38°, 100%, 100%
XYZ	54.1603, 47.1006, 6.2368
YIQ	171.3390, 107.4300, -30.6660

Conversions

Conversions Part 2

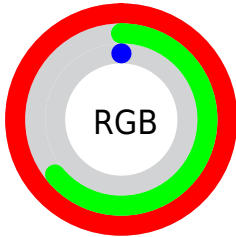
Format	Color
R _Y B	146, 255, 0
Decimal	16753152
CIE Lab	74.26, 25.49, 78.51
CIE LCh	74, 82.549, 72.010
Yxy	47.1031, 0.5038, 0.4382
Android (android.graphics.Color)	4294943232 (0xFFFFA200)
YUV	171.3390, -84.4701, 73.3707
Hunter-Lab	68.6299, 20.7636, 42.6529

Details

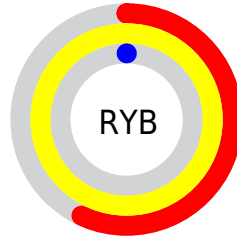
The HunterLab color **68.6299, 20.7636, 42.6529** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **38.7946, 33.1745, -120.1026**, and the grayscale version is **64.2650, -3.4290, 3.4916**.

A 20% lighter version of the original color is **84.5282, -5.4590, 46.8018**, and **47.2846, 20.3633, 29.4930** is the 20% darker color. If you saturate the color by 10%, you get **68.6301, 20.7625, 42.6530**, and if you desaturate by 10%, it is **71.1156, 16.2125, 43.3136**.

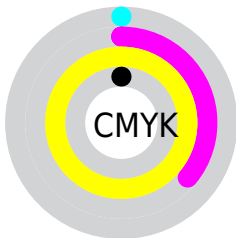
Distribution



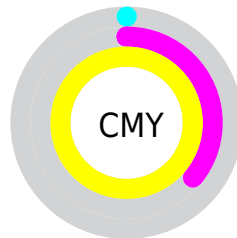
- Red (100%)
- Green (64%)
- Blue (0%)



- Red (57%)
- Yellow (100%)
- Blue (0%)



- Cyan (0%)
- Magenta (36%)
- Yellow (100%)
- Black (0%)





- Cyan (0%)
- Magenta (36%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.6299, 20.7636, 42.6529 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 68.6299, 20.7636, 42.6529 by changing the saturation by 10% instead.


 68.6299, 20.7636,
42.6529


 68.6299, 20.7636,
42.6529


193.7075, 23.0786,
83.3924


 57.5475, 20.1432,
37.2759


 92.6647, 21.7341,
52.7671


 47.1341, 19.4278,
31.6687


 105.5532, 22.1076,
57.5430


 37.4378, 18.6012,
26.2064


 118.9893, 22.4134,
62.1586

 28.5161, 17.6484,
19.9613

 132.9516, 22.6565,
66.6319

 20.4434, 16.5529,
14.3104

 147.4210, 22.8411,
70.9790

 13.3206, 15.3027,
9.3244

 162.3802, 22.9709,

 6.8639, 16.3718,

75.2136

4.8047

177.8137, 23.0491,
79.3479

0.0000, INF, NaN

0.0000, NaN, NaN

■ 68.6299, 20.7636,
42.6529

■ 68.6299, 20.7636,
42.6529

■ 68.6301, 20.7625,
42.6530

■ 71.1156, 16.2125,
43.3136

■ 73.7476, 12.0075,
43.1336

■ 76.5345, 8.2298,
41.9342

■ 79.4741, 4.9115,
39.6766

■ 82.5618, 2.0660,

36.3644

■ 85.7919, -0.3068,
32.0270

■ 89.1577, -2.2160,
26.7093

■ 92.6525, -3.6772,
20.4649

■ 96.2695, -4.7099,
13.3515

Harmonies

Analogous

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



68.6317, 60.5486, 36.1549



68.6299, 20.7636, 42.6529



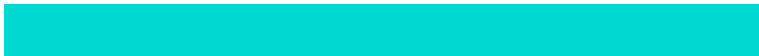
68.6317, -18.4189, 43.1074

Triad

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



68.6317, 20.7595, 42.6535



68.6317, -62.1595, -12.6161



68.6317, 53.3205, -72.0187

Complementary

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



68.6299, 20.7636, 42.6529



38.7946, 33.1745, -120.1026

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.



68.6317, 12.4496, -107.2053



68.6299, 20.7636, 42.6529



68.6317, -50.5135, -62.1915

Square

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



68.6317, 20.7595, 42.6535



68.6317, -60.8938, 22.1396



68.6317, -25.0905, -102.8552



68.6317, 82.0183, -21.8036

Rectangle

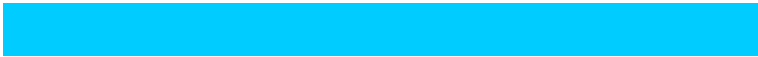
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.6299, 20.7636, 42.6529



68.6317, -38.7026, 40.6635



68.6317, -25.0905, -102.8552



68.6317, 40.2098, -86.9810

Sweetspot

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



68.6317, 20.7595, 42.6535



89.1559, -2.2149, 26.7132



46.9676, 82.1334, 17.1562



40.5836, -0.6780, 13.4497

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.6317, 20.7595, 42.6535



68.6304, 20.7626, 42.6532



93.2158, -37.5496, 56.7814



44.6221, -2.1975, 6.0063



49.9057, 14.4138, 31.0040



16.2270, 3.2160, 10.0553

Inverse Universe

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



38.7946, 33.1745, -120.1026



38.7922, 33.1804, -120.1139



27.4966, 73.3422, -185.7707



42.9678, -2.3055, -1.5061



28.4983, 22.8224, -84.8874



9.9503, 4.6467, -22.4679

Previews

White Background



This preview shows how the HunterLab color 68.6299, 20.7636, 42.6529 looks on a white background.

Color Contrast Check

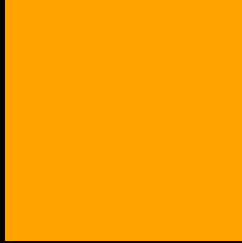
Large Text (above 18pt) WCAG AA × Fail

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 68.6299, 20.7636, 42.6529 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 68.6299, 20.7636, 42.6529 Background



This preview shows how black text looks on a background with the HunterLab color 68.6299, 20.7636, 42.6529.



This preview shows how white text looks on a background with the HunterLab color 68.6299, 20.7636,

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

68.6299, 20.7636, 42.6529

Protanopia

68.8814, -9.8807, 41.7788

Deuteranopia

68.7467, 4.5613, 42.4412



Tritanopia

68.5941, 34.7857, 12.5184

Trichromacy



Original Color

68.6299, 20.7636, 42.6529

Protanomaly

68.4997, 0.8446, 41.9500

Deuteranomaly

68.7566, 10.2862, 42.5476

Tritanomaly

68.0980, 27.0812, 31.0331

Monochromacy



Original Color

68.6299, 20.7636, 42.6529

Achromatopsia

63.8154, -3.4050, 3.4672

Achromatomaly

64.5492, 0.7497, 26.4988

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.6299, 20.7636, 42.6529 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, 162, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 162, 0)  
}
```

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, 162, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 68.6299, 20.7636, 42.6529 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, 162, 0) }
```


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

```
.border{ border-color:rgb(255, 162, 0) }
```

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

Here you see how a box with a 4 pixel rgb(255, 162, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 162, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 162, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 162,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.6299, 20.7636, 42.6529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 162, 0) }
```

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

```
.background{ background-color: rgb(255,  
162, 0) }
```

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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