

Converting Colors

HunterLab(69.8776, 20.1850,
37.7063)

Have a look what the booklet for
HunterLab(69.8776, 20.1850,
37.7063) contains.

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Color

**HunterLab(69.8937, 20.1396,
37.7740)**

Conversions

Conversions Part 1

Format	Color
Hex	FEA64B
RGB	254, 166, 75
RGB Percent	100%, 65%, 29%
CMY	0.0039, 0.3490, 0.7059
CMYK	0.00, 0.35, 0.70, 0.00
HSL	31°, 99%, 65%
HSV	31°, 70%, 100%
XYZ	55.7793, 48.8513, 13.1460
YIQ	181.9380, 81.6590, -9.6450

Conversions

Conversions Part 2

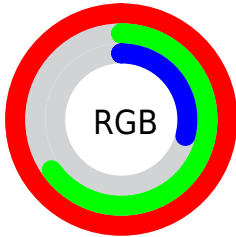
Format	Color
R _Y B	248, 254, 75
Decimal	16688715
CIE Lab	75.36, 24.82, 58.67
CIE LCh	75, 63.702, 67.065
Yxy	48.8538, 0.4736, 0.4148
Android (android.graphics.Color)	4294878795 (0xFFFEA64B)
YUV	181.9380, -52.7204, 63.1984
Hunter-Lab	69.8937, 20.1396, 37.7740

Details

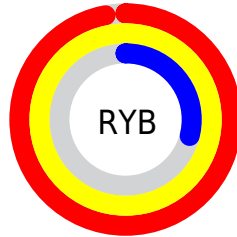
The HunterLab color **69.8937, 20.1396, 37.7740** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **59.0291, -0.8274, -57.8209**, and the grayscale version is **68.5599, -3.6582, 3.7250**.

A 20% lighter version of the original color is **86.3316, -4.2950, 39.0966**, and **48.2578, 18.6483, 29.3057** is the 20% darker color. If you saturate the color by 10%, you get **66.5214, 25.5814, 38.7883**, and if you desaturate by 10%, it is **73.5093, 15.1397, 35.7540**.

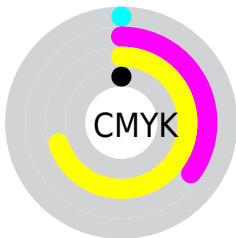
Distribution



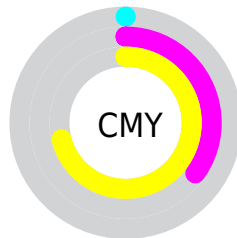
- Red (100%)
- Green (65%)
- Blue (29%)



- Red (97%)
- Yellow (100%)
- Blue (29%)



- Cyan (0%)
- Magenta (35%)
- Yellow (70%)
- Black (0%)



- Cyan (0%)
- Magenta (35%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 69.8937, 20.1396, 37.7740 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 69.8937, 20.1396, 37.7740 by changing the saturation by 10% instead.

69.8937, 20.1396,
37.7740

69.8937, 20.1396,
37.7740

195.4908, 22.1688,
69.1807

58.7397, 19.5587,
33.6506

94.0608, 21.0374,
45.5063

48.2501, 18.8850,
29.3145

107.0109, 21.3769,
49.1628

38.4719, 18.1025,
24.7348

120.5061, 21.6501,
52.7058

29.4614, 17.1966,
20.2994

134.5253, 21.8619,
56.1509

21.2906, 16.1502,
14.9034

149.0496, 22.0162,
59.5109

14.0567, 14.9485,
9.8397

164.0620, 22.1168,

7.7033, 14.6616,

62.7967

5.3923

179.5470, 22.1668,
66.0174

0.0000, INF, NaN

0.0000, NaN, NaN

■ 69.8937, 20.1396,
37.7740

■ 69.8937, 20.1396,
37.7740

■ 66.5214, 25.5814,
38.7883

■ 73.5093, 15.1397,
35.7540

■ 63.4015, 31.4212,
38.7993

■ 77.3464, 10.6174,
32.7668


■ 60.6690, 37.2350,
38.0358


■ 81.3904, 6.5713,
28.8764

■ 85.6250, 2.9890,
24.1557

■ 90.0352, -0.1507,

18.6794

 94.6071, -2.8744,
12.5194

 99.3279, -5.2109,
5.7425

99.9053, -5.6653,
5.3159

Harmonies

Analogous

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



69.8955, 48.3696, 29.4107



69.8937, 20.1396, 37.7740



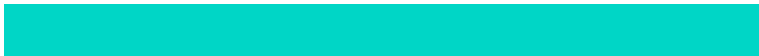
69.8955, -10.6715, 39.2455

Triad

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



69.8955, 20.1357, 37.7748



69.8955, -52.1663, -3.2691



69.8955, 34.4438, -55.4909

Complementary

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



69.8937, 20.1396, 37.7740



59.0291, -0.8274, -57.8209

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.



69.8955, 3.4867, -75.2442



69.8937, 20.1396, 37.7740



69.8955, -43.9812, -37.8864

Square

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



69.8955, 20.1357, 37.7748



69.8955, -49.2283, 21.9521



69.8955, -24.7748, -67.7195



69.8955, 57.5529, -21.0667

Rectangle

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



69.8937, 20.1396, 37.7740



69.8955, -28.0376, 37.1051



69.8955, -24.7748, -67.7195



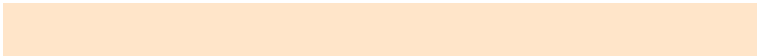
69.8955, 24.4257, -64.6070

Sweetspot

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



69.8955, 20.1357, 37.7748



90.1984, 0.0060, 19.0743



53.6672, 72.8348, -4.7198



41.1572, 0.3887, 9.5559

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



69.8955, 20.1357, 37.7748



65.3624, 28.3187, 39.0891



96.1571, -24.2520, 54.7223



44.1745, -1.4482, 5.5262



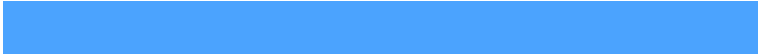
44.3864, 26.2601, 27.8104



14.6183, 6.4808, 9.1212

Inverse Universe

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



59.0291, -0.8274, -57.8209



52.7513, 5.6587, -73.7306



36.9922, 47.7300, -126.6543



43.4193, -3.0517, -0.9504



34.3232, 9.8072, -64.0719



11.6837, 1.2051, -17.2049

Previews

White Background



This preview shows how the HunterLab color 69.8937, 20.1396, 37.7740 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 69.8937, 20.1396, 37.7740 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 69.8937, 20.1396, 37.7740 Background



This preview shows how black text looks on a background with the HunterLab color 69.8937, 20.1396, 37.7740.



This preview shows how white text looks on a background with the HunterLab color 69.8937, 20.1396,

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

69.8937, 20.1396, 37.7740

Protanopia

69.9838, -8.2657, 36.3839

Deuteranopia

70.0485, 5.2613, 38.0664



Tritanopia

69.9434, 32.7633, 11.8536

Trichromacy



Original Color

69.8937, 20.1396, 37.7740

Protanomaly

69.7510, 1.4684, 36.7182

Deuteranomaly

69.9238, 10.5853, 37.9273

Tritanomaly

69.8927, 27.1773, 24.0989

Monochromacy



Original Color

69.8937, 20.1396, 37.7740

Achromatopsia

68.3947, -3.6494, 3.7160

Achromatomaly

68.1496, 2.5213, 19.4294

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 69.8937, 20.1396, 37.7740 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(254, 166, 75)` looks like.

```
.text, #text, p{  
    color:rgb(254, 166, 75)  
}
```

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(254, 166, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 166, 75) }
```

Border

The CSS property to change the border of an element to HunterLab 69.8937, 20.1396, 37.7740 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(254, 166, 75) }
```


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

```
.border{ border-color:rgb(254, 166, 75) }
```

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

Here you see how a box with a 4 pixel rgb(254, 166, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 166, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 166, 75);  
box-shadow:4px 4px 4px 4px rgb(254, 166,  
75) }
```

Background

The CSS property to change the background color of an element to HunterLab 69.8937, 20.1396, 37.7740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 166, 75) }
```

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

```
.background{ background-color: rgb(254,  
166, 75) }
```

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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