

Converting Colors

HunterLab(64.1858, 26.4488,
23.6441)

Have a look what the booklet for
HunterLab(64.1858, 26.4488,
23.6441) contains.

HunterLab(64.3244, 26.3843, 23.7197)	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(64.3244, 26.3843,
23.7197)**

Conversions

Conversions Part 1

Format	Color
Hex	F09578
RGB	240, 149, 120
RGB Percent	94%, 58%, 47%
CMY	0.0588, 0.4157, 0.5294
CMYK	0.00, 0.38, 0.50, 0.06
HSL	15°, 80%, 71%
HSV	15°, 50%, 94%
XYZ	50.0729, 41.3763, 23.1166
YIQ	172.9030, 63.5450, 10.2730

Conversions

Conversions Part 2

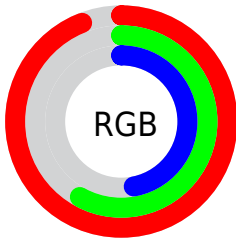
Format	Color
R_{YB}	240, 158, 120
Decimal	15766904
CIE Lab	70.44, 31.24, 29.72
CIE LCh	70, 43.119, 43.574
Yxy	41.3784, 0.4371, 0.3612
Android (android.graphics.Color)	4293956984 (0xFFFF09578)
YUV	172.9030, -26.0812, 58.8441
Hunter-Lab	64.3244, 26.3843, 23.7197

Details

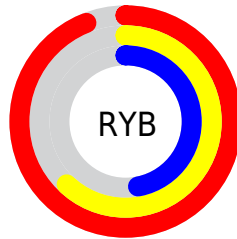
The HunterLab color **64.3244, 26.3843, 23.7197** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **75.4123, -21.2748, -18.7173**, and the grayscale version is **64.6914, -3.4518, 3.5148**.

A 20% lighter version of the original color is **82.1358, 9.2050, 22.2342**, and **43.3913, 24.7201, 19.0249** is the 20% darker color. If you saturate the color by 10%, you get **59.6245, 33.7791, 26.3271**, and if you desaturate by 10%, it is **69.4635, 19.3243, 20.6197**.

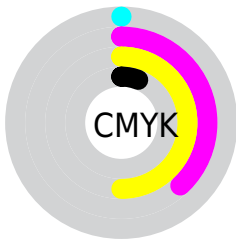
Distribution



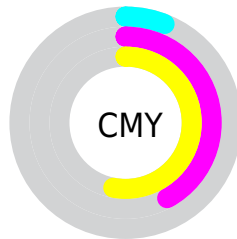
- Red (94%)
- Green (58%)
- Blue (47%)



- Red (94%)
- Yellow (62%)
- Blue (47%)



- Cyan (0%)
- Magenta (38%)
- Yellow (50%)
- Black (6%)





- Cyan (6%)
- Magenta (42%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.3244, 26.3843, 23.7197 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 64.3244, 26.3843, 23.7197 by changing the saturation by 10% instead.


 64.3244, 26.3843,
23.7197


 64.3244, 26.3843,
23.7197


187.5898, 30.8324,
42.3513


 53.4929, 25.4817,
21.4023


 87.8965, 27.8877,
28.1298

 43.3470, 24.4718,
18.9784


 100.5698, 28.5127,
30.2513

 33.9388, 23.3389,
16.4155


 113.7996, 29.0611,
32.3319

 25.3311, 22.0710,
13.6660

127.5635, 29.5389,
34.3796

 17.6070, 20.6625,
11.0252

141.8416, 29.9509,
36.4007

 10.8820, 19.1424,
7.6174

156.6158, 30.3013,

 2.2076, 61.5445,

38.4004

1.5453

171.8701, 30.5941,
40.3828

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.3244, 26.3843,
23.7197

■ 64.3244, 26.3843,
23.7197

■ 59.6245, 33.7791,
26.3271

■ 69.4635, 19.3243,
20.6197

■ 55.4223, 41.3940,
28.3166

■ 74.9799, 12.6634,
17.1296

■ 51.7853, 49.0033,
29.5660

■ 80.8260, 6.4064,
13.3346

■ 48.7742, 56.2727,
29.9890


■ 86.9601, 0.5353,
9.2991


■ 46.4248, 62.7446,

■ 93.3474, -4.9811,

29.7051

5.0714

 46.4247, 62.7449,
29.7051

 98.6231, -10.1590,
3.7172

Harmonies

Analogous

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



64.3260, 37.6945, 11.3994



64.3244, 26.3843, 23.7197



64.3260, 7.6331, 29.3672

Triad

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



64.3260, 26.3808, 23.7206



64.3260, -35.8941, 12.8826



64.3260, 5.7007, -42.3128

Complementary

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



64.3244, 26.3843, 23.7197



75.4123, -21.2748, -18.7173

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.



64.3260, -13.8033, -41.5528



64.3244, 26.3843, 23.7197



64.3260, -36.2792, -5.5454

Square

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



64.3260, 26.3808, 23.7206



64.3260, -27.5248, 24.5234



64.3260, -28.6491, -26.6270



64.3260, 24.8201, -28.4675

Rectangle

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



64.3244, 26.3843, 23.7197



64.3260, -5.7806, 30.0871



64.3260, -28.6491, -26.6270



64.3260, -1.0567, -43.8595

Sweetspot

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



64.3260, 26.3808, 23.7206



89.8037, 3.6996, 12.1735



60.5904, 54.6287, -22.6587



40.9073, 2.3312, 6.0527

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.3260, 26.3808, 23.7206



63.7804, 36.3450, 28.2521



80.6183, -4.0685, 36.5368



40.4712, 0.1103, 4.2109



34.5987, 45.6601, 22.1189



10.7052, 11.0737, 6.7904

Inverse Universe

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



75.4123, -21.2748, -18.7173



77.5866, -23.9520, -24.9081



57.2199, 8.1209, -50.0194



41.5256, -4.3021, 0.2098



46.8757, -13.9672, -28.4393



14.0747, -4.8020, -7.2260

Previews

White Background



This preview shows how the HunterLab color 64.3244, 26.3843, 23.7197 looks on a white background.

Color Contrast Check

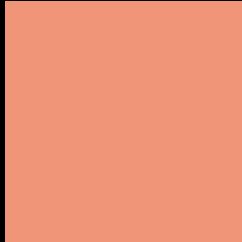
Large Text (above 18pt) WCAG AA × Fail

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 64.3244, 26.3843, 23.7197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

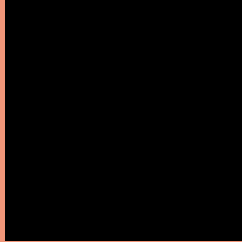
Any Text WCAG AA ✓ Pass

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 64.3244, 26.3843, 23.7197 Background



This preview shows how black text looks on a background with the HunterLab color 64.3244, 26.3843, 23.7197.



This preview shows how white text looks on a background with the HunterLab color 64.3244, 26.3843,

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

64.3244, 26.3843, 23.7197

Protanopia

64.3669, -5.0729, 20.1205

Deuteranopia

64.3895, 4.8543, 24.2647



Tritanopia

64.3178, 34.1226, 11.6434

Trichromacy



Original Color

64.3244, 26.3843, 23.7197

Protanomaly

64.0597, 5.5351, 21.3012

Deuteranomaly

64.1594, 12.5874, 23.9164

Tritanomaly

64.3335, 31.0834, 16.6012

Monochromacy



Original Color

64.3244, 26.3843, 23.7197

Achromatopsia

64.6440, -3.4492, 3.5122

Achromatomaly

63.8391, 6.0925, 11.0507

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.3244, 26.3843, 23.7197 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(240, 149, 120)` looks like.

```
.text, #text, p{  
    color:rgb(240, 149, 120)  
}
```

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(240, 149, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 149, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 64.3244, 26.3843, 23.7197 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(240, 149, 120) }
```


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

```
.border{ border-color:rgb(240, 149, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 149, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 149, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 149, 120);  
box-shadow:4px 4px 4px 4px rgb(240, 149,  
120) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.3244, 26.3843, 23.7197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 149, 120) }
```

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

```
.background{ background-color: rgb(240,  
149, 120) }
```

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