

Converting Colors

HunterLab(58.3928, 21.2041,
26.9782)

Have a look what the booklet for
HunterLab(58.3928, 21.2041,
26.9782) contains.

HunterLab(58.3928, 21.2041, 26.9782)	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(58.3928, 21.2041,
26.9782)**

Conversions

Conversions Part 1

Format	Color
Hex	DC8A58
RGB	220, 138, 88
RGB Percent	86%, 54%, 35%
CMY	0.1373, 0.4588, 0.6549
CMYK	0.00, 0.37, 0.60, 0.14
HSL	23°, 65%, 60%
HSV	23°, 60%, 86%
XYZ	40.3651, 34.0972, 13.6865
YIQ	156.8180, 64.9220, 1.8340

Conversions

Conversions Part 2

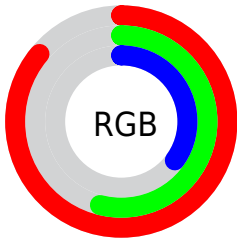
Format	Color
R_{YB}	220, 168, 88
Decimal	14453336
CIE Lab	65.04, 26.52, 39.54
CIE LCh	65, 47.608, 56.150
Yxy	34.0989, 0.4579, 0.3868
Android (android.graphics.Color)	4292643416 (0xFFDC8A58)
YUV	156.8180, -33.9273, 55.4106
Hunter-Lab	58.3928, 21.2041, 26.9782

Details

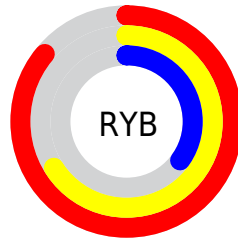
The HunterLab color **58.3928, 21.2041, 26.9782** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **59.9913, -11.8044, -30.1585**, and the grayscale version is **58.1081, -3.1005, 3.1571**.

A 20% lighter version of the original color is **77.9893, 11.7165, 29.6923**, and **38.1401, 19.7862, 20.7274** is the 20% darker color. If you saturate the color by 10%, you get **54.8723, 26.7706, 28.7113**, and if you desaturate by 10%, it is **62.2025, 15.9892, 24.5473**.

Distribution



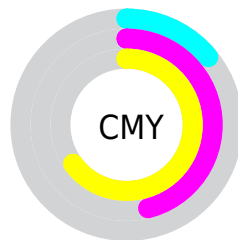
- Red (86%)
- Green (54%)
- Blue (35%)



- Red (86%)
- Yellow (66%)
- Blue (35%)



- Cyan (0%)
- Magenta (37%)
- Yellow (60%)
- Black (14%)



- Cyan (14%)
- Magenta (46%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.3928, 21.2041, 26.9782 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 58.3928, 21.2041, 26.9782 by changing the saturation by 10% instead.

■ 58.3928, 21.2041,
26.9782

■ 58.3928, 21.2041,
26.9782

■ 179.0455, 24.4098,
50.2826

■ 47.9266, 20.4481,
23.9399

■ 81.2942, 22.4175,
32.6618

■ 38.1721, 19.5835,
20.7240

■ 93.6566, 22.8997,
35.3540

■ 29.1872, 18.5928,
17.2840

■ 106.5889, 23.3076,
37.9702

■ 21.0446, 17.4602,
14.0150

■ 120.0671, 23.6470,
40.5232

■ 13.8426, 16.1756,
9.6898

■ 134.0699, 23.9229,
43.0232

■ 7.4704, 16.1849,
5.2293

148.5783, 24.1396,

0.0000, INF, NaN

45.4788

0.0000, NaN, NaN

163.5753, 24.3008,
47.8967

0.0000, NaN, NaN

■ 58.3928, 21.2041,
26.9782

■ 58.3928, 21.2041,
26.9782

■ 54.8723, 26.7706,
28.7113

■ 62.2025, 15.9892,
24.5473

■ 51.6677, 32.6362,
29.6741

■ 66.2675, 11.1607,
21.4973

■ 48.8104, 38.6838,
29.8318

■ 70.5622, 6.7155,
17.9091

■ 46.3193, 44.7050,
29.3243

■ 75.0627, 2.6380,
13.8554

■ 46.3191, 44.7055,
29.3242

■ 79.7476, -1.0959,
9.3996

■ 84.5988, -4.5142,
4.5960

■ 89.6004, -7.6459,
-0.5102

■ 94.4248, -12.2586,
-1.4354

■ 96.9307, -16.1838,
1.5758

Harmonies

Analogous

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



58.3943, 37.8720, 17.7384



58.3928, 21.2041, 26.9782



58.3943, -0.3739, 30.0359

Triad

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



58.3943, 21.2008, 26.9789



58.3943, -38.2879, 5.7073



58.3943, 15.8272, -43.0684

Complementary

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



58.3928, 21.2041, 26.9782



59.9913, -11.8044, -30.1585

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.



58.3943, -5.8141, -49.8189



58.3928, 21.2041, 26.9782



58.3943, -35.2129, -16.4816

Square

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



58.3943, 21.2008, 26.9789



58.3943, -33.0958, 20.8266



58.3943, -24.0127, -38.7330



58.3943, 34.4736, -22.6168

Rectangle

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



58.3928, 21.2041, 26.9782



58.3943, -13.9642, 29.3993



58.3943, -24.0127, -38.7330



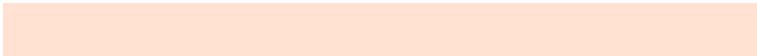
58.3943, 8.5807, -47.2691

Sweetspot

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



58.3943, 21.2008, 26.9789



89.7369, 2.2721, 15.4373



50.1582, 56.0421, -14.0095



40.7778, 1.6751, 7.8287

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



58.3943, 21.2008, 26.9789



63.8404, 33.4163, 34.3241



76.3866, -11.0156, 39.7098



37.2235, -0.6039, 4.2498



35.7632, 33.5054, 22.6237



9.9577, 6.3925, 6.2478

Inverse Universe

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



59.9913, -11.8044, -30.1585



65.9242, -12.1499, -44.6775



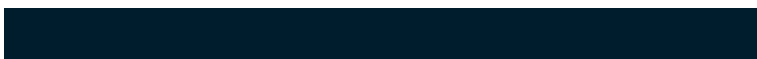
41.7949, 21.0564, -69.9302



37.3599, -3.2251, -0.2883



37.0093, -2.4820, -40.9005



10.2540, -1.9527, -8.6014

Previews

White Background



This preview shows how the HunterLab color 58.3928, 21.2041, 26.9782 looks on a white background.

Color Contrast Check

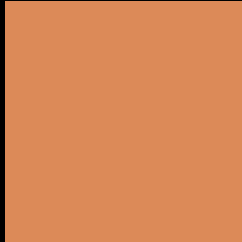
Large Text (above 18pt) WCAG AA × Fail

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 58.3928, 21.2041, 26.9782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

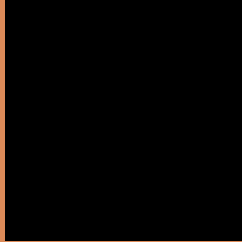
Any Text WCAG AA ✓ Pass

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 58.3928, 21.2041, 26.9782 Background



This preview shows how black text looks on a background with the HunterLab color 58.3928, 21.2041, 26.9782.



This preview shows how white text looks on a background with the HunterLab color 58.3928, 21.2041,

26.9782.

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

58.3928, 21.2041, 26.9782

Protanopia

58.4501, -6.0109, 24.9294

Deuteranopia

58.5307, 4.1712, 27.4335



Tritanopia

58.3121, 31.6159, 10.8632

Trichromacy



Original Color

58.3928, 21.2041, 26.9782

Protanomaly

58.1834, 3.2038, 25.5906

Deuteranomaly

58.2462, 10.1936, 27.1076

Tritanomaly

58.4323, 27.4797, 17.8041

Monochromacy



Original Color

58.3928, 21.2041, 26.9782

Achromatopsia

58.0658, -3.0982, 3.1548

Achromatomaly

57.6038, 4.2214, 13.1003

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.3928, 21.2041, 26.9782 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(220, 138, 88)` looks like.

```
.text, #text, p{  
    color:rgb(220, 138, 88)  
}
```

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(220, 138, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 138, 88) }
```

Border

The CSS property to change the border of an element to HunterLab 58.3928, 21.2041, 26.9782 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(220, 138, 88) }
```


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

```
.border{ border-color:rgb(220, 138, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 138, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 138, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 138, 88);  
box-shadow:4px 4px 4px 4px rgb(220, 138,  
88) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.3928, 21.2041, 26.9782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 138, 88) }
```

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

```
.background{ background-color: rgb(220,  
138, 88) }
```

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