

Converting Colors

HunterLab(40.6866, 25.0258,
-11.7834)

Have a look what the booklet for
HunterLab(40.6866, 25.0258,
-11.7834) contains.

HunterLab(40.6866, 25.0258, -11.7834)	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(40.6866, 25.0258,
-11.7834)**

Conversions

Conversions Part 1

Format	Color
Hex	995D8E
RGB	153, 93, 142
RGB Percent	60%, 36%, 56%
CMY	0.4000, 0.6353, 0.4431
CMYK	0.00, 0.39, 0.07, 0.40
HSL	311°, 24%, 48%
HSV	311°, 39%, 60%
XYZ	21.9337, 16.5540, 27.6304
YIQ	116.5260, 20.0310, 27.9590

Conversions

Conversions Part 2

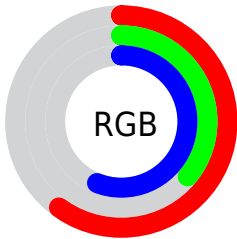
Format	Color
R_{YB}	153, 93, 142
Decimal	10050958
CIE _{Lab}	47.69, 32.15, -16.80
CIE _{LCh}	48, 36.273, 332.401
Yxy	16.5547, 0.3317, 0.2504
Android (android.graphics.Color)	4288241038 (0xFF995D8E)
YUV	116.5260, 12.5587, 31.9877
Hunter-Lab	40.6866, 25.0258, -11.7834

Details

The HunterLab color $40.6866, 25.0258, -11.7834$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $51.0976, -25.1269, 15.8485$, and the grayscale version is $41.9423, -2.2379, 2.2788$.

A 20% lighter version of the original color is $61.3565, 26.7462, -12.1898$, and $23.1101, 22.8876, -11.3356$ is the 20% darker color. If you saturate the color by 10%, you get $37.4819, 32.1046, -15.0982$, and if you desaturate by 10%, it is $44.2719, 17.7879, -8.1785$.

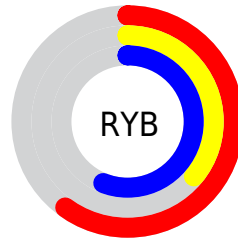
Distribution



Red (60%)

Green (36%)

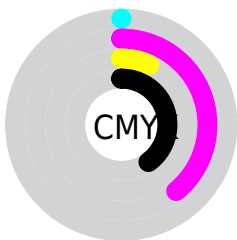
Blue (56%)



Red (60%)

Yellow (36%)

Blue (56%)

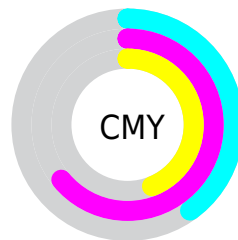


Cyan (0%)

Magenta (39%)

Yellow (7%)

Black (40%)



Cyan (40%)

Magenta (64%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.6866, 25.0258, -11.7834 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 40.6866, 25.0258, -11.7834 by changing the saturation by 10% instead.

40.6866, 25.0258,
-11.7834

40.6866, 25.0258,
-11.7834

152.5101, 31.3773,
-11.6419

31.4921, 23.8162,
-11.4879

61.2851, 27.0720,
-12.1581

23.1178, 22.4711,
-11.1219

72.5907, 27.9344,
-12.2471

15.6546, 20.9911,
-10.6993

84.5169, 28.7026,
-12.2759

9.2292, 19.4521,
-10.2975

97.0330, 29.3845,
-12.2485

0.0000, INF, -NF

0.0000, NaN, NaN

110.1124, 29.9874,
-12.1684

0.0000, NaN, NaN

123.7317, 30.5171,

0.0000, NaN, NaN

-12.0388

0.0000, NaN, NaN

137.8704, 30.9789,
-11.8625

■ 40.6866, 25.0258,
-11.7834

■ 40.6866, 25.0258,
-11.7834

■ 37.4819, 32.1046,
-15.0982

■ 44.2719, 17.7879,
-8.1785

■ 34.7136, 38.7676,
-17.9628

■ 48.1813, 10.5602,
-4.4042

■ 32.4397, 44.6519,
-20.1746

■ 52.3691, 3.4317,
-0.5370

■ 30.7043, 49.3412,
-21.5292

■ 56.7963, -3.5555,
3.3751

■ 29.5227, 52.4778,
-21.8853

■ 61.4308, -10.3895,
7.3037

■ 28.7811, 54.2147,
-21.4020

■ 66.2463, -17.0745,
11.2337

■ 28.7258, 54.3436,
-21.3583

■ 71.2215, -23.6230,
15.1575

■ 76.3386, -30.0508,
19.0723

■ 81.5831, -36.3743,
22.9780

Harmonies

Analogous

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



40.6875, 13.5505, -26.4589



40.6866, 25.0258, -11.7834



40.6875, 28.9310, 3.2903

Triad

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



40.6875, 25.0243, -11.7823



40.6875, -3.3133, 20.5816



40.6875, -22.7931, -14.3462

Complementary

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



40.6866, 25.0258, -11.7834



51.0976, -25.1269, 15.8485

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.



40.6875, -26.0601, 1.1090



40.6866, 25.0258, -11.7834



40.6875, -15.8209, 18.6314

Square

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



40.6875, 25.0243, -11.7823



40.6875, 11.2940, 19.1877



40.6875, -23.6925, 12.5216



40.6875, -14.0887, -28.2619

Rectangle

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



40.6866, 25.0258, -11.7834



40.6875, 26.3386, 10.9375



40.6875, -23.6925, 12.5216



40.6875, -24.5051, -9.0052

Sweetspot

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



40.6875, 25.0243, -11.7823



68.3516, 7.4585, -2.2921



36.1560, 12.6267, -26.9202



31.8112, 4.0223, -1.3592



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



40.6875, 25.0243, -11.7823



50.6796, 41.7686, -19.6634



39.7135, 20.2893, 1.9396



25.1082, 1.6495, -0.2597



26.1234, 49.4345, -19.5327



3.2634, 6.2881, -3.3122

Inverse Universe

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



40.6875, 25.0243, -11.7823



50.6796, 41.7686, -19.6634



51.7990, -21.0073, 5.7338



25.1082, 1.6495, -0.2597



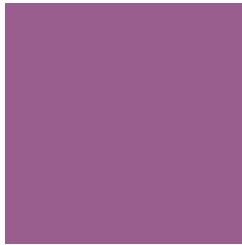
26.1234, 49.4345, -19.5327



3.2634, 6.2881, -3.3122

Previews

White Background



This preview shows how the HunterLab color 40.6866, 25.0258, -11.7834 looks on a white background.

Color Contrast Check

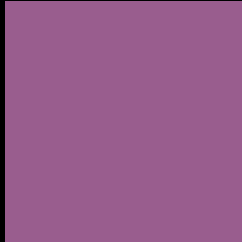
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 40.6866, 25.0258, -11.7834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

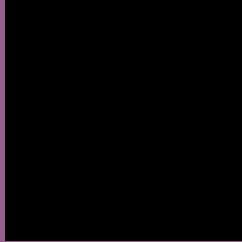
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 40.6866, 25.0258, -11.7834 Background



This preview shows how black text looks on a background with the HunterLab color 40.6866, 25.0258, -11.7834.



This preview shows how white text looks on a background with the HunterLab color 40.6866, 25.0258, -11.7834.

-11.7834.

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

40.6866, 25.0258, -11.7834

Protanopia

40.9333, 3.2049, -20.2785

Deuteranopia

40.8383, 2.9549, -10.2462



Tritanopia

40.7267, 14.8886, 4.7022

Trichromacy



Original Color

40.6866, 25.0258, -11.7834

Protanomaly

40.4111, 10.4811, -17.8714

Deuteranomaly

40.3808, 10.8298, -11.3571

Tritanomaly

40.4839, 18.4056, -0.7555

Monochromacy



Original Color

40.6866, 25.0258, -11.7834

Achromatopsia

42.1768, -2.2504, 2.2915

Achromatomaly

41.2035, 7.3212, -2.8854

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.6866, 25.0258, -11.7834 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(153, 93, 142)` looks like.

```
.text, #text, p{  
    color:rgb(153, 93, 142)  
}
```

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(153, 93, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 93, 142) }
```

Border

The CSS property to change the border of an element to HunterLab 40.6866, 25.0258, -11.7834 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(153, 93, 142) }
```


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

```
.border{ border-color:rgb(153, 93, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 93, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 93, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 93, 142);  
box-shadow:4px 4px 4px 4px rgb(153, 93,  
142) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.6866, 25.0258, -11.7834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 93, 142) }
```

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

```
.background{ background-color: rgb(153, 93,  
142) }
```

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