

Converting Colors

HunterLab(40.8256, 0.3684,
-32.9141)

Have a look what the booklet for
HunterLab(40.8256, 0.3684,
-32.9141) contains.

HunterLab(40.8597, 0.3293, -32.9236)	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(40.8597, 0.3293,
-32.9236)**

Conversions

Conversions Part 1

Format	Color
Hex	4873AE
RGB	72, 115, 174
RGB Percent	28%, 45%, 68%
CMY	0.7176, 0.5490, 0.3176
CMYK	0.59, 0.34, 0.00, 0.32
HSL	215°, 41%, 48%
HSV	215°, 59%, 68%
XYZ	16.4432, 16.6952, 42.4002
YIQ	108.8690, -44.5670, 9.2330

Conversions

Conversions Part 2

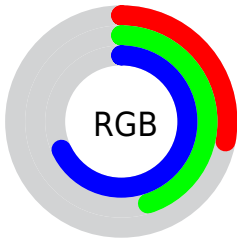
Format	Color
R_{YB}	72, 102, 174
Decimal	4748206
CIE Lab	47.87, 3.29, -35.92
CIE LCh	48, 36.072, 275.227
Yxy	16.6957, 0.2177, 0.2210
Android (android.graphics.Color)	4282938286 (0xFF4873AE)
YUV	108.8690, 32.1096, -32.3341
Hunter-Lab	40.8597, 0.3293, -32.9236

Details

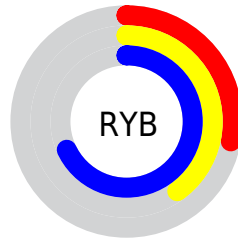
The HunterLab color $40.8597, 0.3293, -32.9236$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $50.6955, 5.4433, 24.1624$, and the grayscale version is $38.9504, -2.0783, 2.1162$.

A 20% lighter version of the original color is $61.5953, -0.5568, -34.1161$, and $23.2267, 1.3014, -31.8407$ is the 20% darker color. If you saturate the color by 10%, you get $37.3461, 2.7018, -40.5144$, and if you desaturate by 10%, it is $44.5915, -1.4141, -25.7921$.

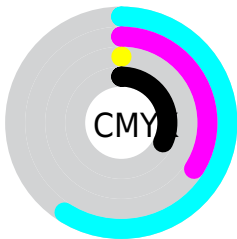
Distribution



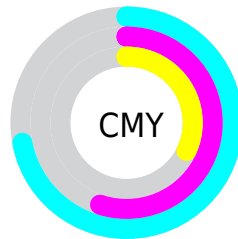
- Red (28%)
- Green (45%)
- Blue (68%)



- Red (28%)
- Yellow (40%)
- Blue (68%)



- Cyan (59%)
- Magenta (34%)
- Yellow (0%)
- Black (32%)



- Cyan (72%)
- Magenta (55%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.8597, 0.3293, -32.9236 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 40.8597, 0.3293, -32.9236 by changing the saturation by 10% instead.

■ 40.8597, 0.3293,
-32.9236

■ 40.8597, 0.3293,
-32.9236

■ 152.7785, -4.2883,
-37.4160

■ 31.6509, 0.6215,
-32.3320

■ 61.4832, -0.4136,
-34.1873

■ 23.2610, 0.8508,
-31.8931

■ 72.8003, -0.8547,
-34.7879

■ 15.7804, 1.0058,
-31.8698

■ 84.7375, -1.3372,
-35.3476

■ 9.3367, 1.0691,
-33.0515

■ 97.2639, -1.8585,
-35.8603

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 110.3532, -2.4160,
-36.3238

0.0000, NaN, NaN

123.9821, -3.0080,

0.0000, NaN, NaN

-36.7373

0.0000, NaN, NaN

138.1300, -3.6326,
-37.1010

■ 40.8597, 0.3293,
-32.9236

■ 40.8597, 0.3293,
-32.9236

■ 37.3461, 2.7018,
-40.5144

■ 44.5915, -1.4141,
-25.7921

■ 34.0799, 5.7841,
-48.5660

■ 48.5123, -2.6146,
-19.0940

■ 31.0954, 9.6335,
-57.0242

■ 52.5997, -3.3510,
-12.7850

■ 28.4054, 14.1908,
-65.8327

■ 56.8347, -3.6927,
-6.8181

■ 28.0487, 14.8448,
-67.1042

■ 61.2011, -3.6983,
-1.1472

■ 65.6856, -3.4170,
4.2697

■ 70.2772, -2.8894,
9.4698

■ 74.9664, -2.1491,
14.4855

■ 79.7452, -1.2240,
19.3443

Harmonies

Analogous

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



40.8604, -12.9845, -29.0033



40.8597, 0.3293, -32.9236



40.8604, 14.7520, -25.1195

Triad

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



40.8604, 0.3295, -32.9226



40.8604, 22.5425, 14.5283



40.8604, -24.0961, 11.6628

Complementary

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



40.8597, 0.3293, -32.9236



50.6955, 5.4433, 24.1624

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.



40.8604, -16.7413, 18.2375



40.8597, 0.3293, -32.9236



40.8604, 9.8733, 19.4533

Square

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



40.8604, 0.3295, -32.9226



40.8604, 28.6460, 4.5156



40.8604, -4.6351, 20.5322



40.8604, -25.9303, -0.2083

Rectangle

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



40.8597, 0.3293, -32.9236



40.8604, 22.6942, -15.4922



40.8604, -4.6351, 20.5322



40.8604, -22.2417, 14.4174

Sweetspot

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



40.8604, 0.3295, -32.9226



76.7189, -4.9798, -8.9487



57.6686, -33.3656, 13.3095



35.3886, -2.3107, -5.2823



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



40.8604, 0.3295, -32.9226



49.1107, 4.6307, -57.3497



30.5700, 23.3790, -58.4195



28.7947, -1.7530, -0.7216



24.1217, 12.1204, -56.3143



5.2123, -0.2462, -5.9834

Inverse Universe

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



38.5642, 38.3606, -0.5028



47.1361, 61.8388, 1.2701



62.4321, -16.9503, 32.3505



28.4065, 1.4391, 0.9987



26.2496, 46.3385, 6.2239



4.5030, 8.1823, -0.7400

Previews

White Background



This preview shows how the HunterLab color 40.8597, 0.3293, -32.9236 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 40.8597, 0.3293, -32.9236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

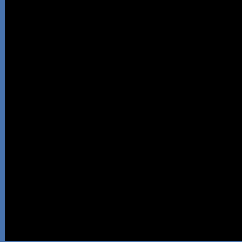
Any Text WCAG AA × Fail

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 40.8597, 0.3293, -32.9236 Background



This preview shows how black text looks on a background with the HunterLab color 40.8597, 0.3293, -32.9236.

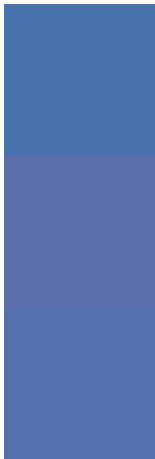


This preview shows how white text looks on a background with the HunterLab color 40.8597, 0.3293, -32.9236.

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

40.8597, 0.3293, -32.9236

Protanopia

40.7240, 5.2137, -30.9077

Deuteranopia

40.8168, 3.0235, -32.9640



Tritanopia

40.8309, -15.0935, -7.3267

Trichromacy



Original Color

40.8597, 0.3293, -32.9236

Protanomaly

40.6180, 3.5692, -31.8806

Deuteranomaly

40.8783, 1.8188, -32.8597

Tritanomaly

40.6979, -9.8779, -15.9112

Monochromacy



Original Color

40.8597, 0.3293, -32.9236

Achromatopsia

39.1058, -2.0866, 2.1247

Achromatomaly

39.4324, -2.2738, -9.1068

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.8597, 0.3293, -32.9236 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(72, 115, 174)` looks like.

```
.text, #text, p{  
    color:rgb(72, 115, 174)  
}
```

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(72, 115, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 115, 174) }
```

Border

The CSS property to change the border of an element to HunterLab 40.8597, 0.3293, -32.9236 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(72, 115, 174) }
```


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

```
.border{ border-color:rgb(72, 115, 174) }
```

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

Here you see how a box with a 4 pixel rgb(72, 115, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 115, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 115, 174);  
box-shadow:4px 4px 4px 4px rgb(72, 115,  
174) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.8597, 0.3293, -32.9236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 115, 174) }
```

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

```
.background{ background-color: rgb(72, 115,  
174) }
```

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