

Converting Colors

HunterLab(48.3096, -6.3463,
28.3845)

Have a look what the booklet for
HunterLab(48.3096, -6.3463,
28.3845) contains.

HunterLab(48.3096, -6.3463, 28.3845)	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(48.3096, -6.3463,
28.3845)**

Conversions

Conversions Part 1

Format	Color
Hex	96851B
RGB	150, 133, 27
RGB Percent	59%, 52%, 11%
CMY	0.4118, 0.4784, 0.8941
CMYK	0.00, 0.11, 0.82, 0.41
HSL	52°, 69%, 35%
HSV	52°, 82%, 59%
XYZ	21.1630, 23.3382, 4.4262
YIQ	125.9990, 44.1580, -29.3620

Conversions

Conversions Part 2

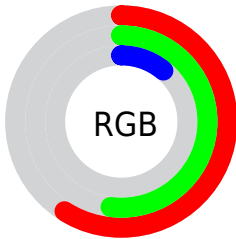
Format	Color
R_{YB}	47, 150, 27
Decimal	9864475
CIE Lab	55.42, -4.79, 54.37
CIE LCh	55, 54.578, 95.036
Yxy	23.3393, 0.4325, 0.4770
Android (android.graphics.Color)	4288054555 (0xFF96851B)
YUV	125.9990, -48.8065, 21.0489
Hunter-Lab	48.3096, -6.3463, 28.3845

Details

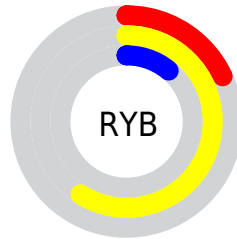
The HunterLab color $48.3096, -6.3463, 28.3845$ is a dark color, and the websafe version is hex 999933 . A complement of this color would be $20.5824, 23.4540, -70.0235$, and the grayscale version is $45.8501, -2.4464, 2.4911$.

A 20% lighter version of the original color is $69.9946, -8.2059, 36.2248$, and $29.6202, -4.2900, 18.1767$ is the 20% darker color. If you saturate the color by 10%, you get $47.6704, -5.7219, 28.8414$, and if you desaturate by 10%, it is $48.9903, -6.7760, 27.4175$.

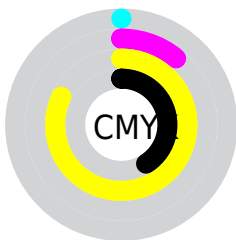
Distribution



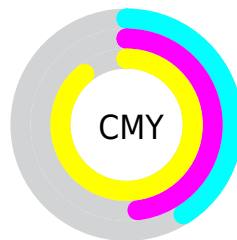
- Red (59%)
- Green (52%)
- Blue (11%)



- Red (18%)
- Yellow (59%)
- Blue (11%)



- Cyan (0%)
- Magenta (11%)
- Yellow (82%)
- Black (41%)



- Cyan (41%)
- Magenta (48%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.3096, -6.3463, 28.3845 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 48.3096, -6.3463, 28.3845 by changing the saturation by 10% instead.

■ 48.3096, -6.3463,
28.3845

■ 48.3096, -6.3463,
28.3845

164.1533,
-14.4817, 59.6978

■ 38.5282, -5.5431,
24.1041

■ 69.9642, -8.0144,
36.2784

■ 29.5129, -4.7540,
19.7178

■ 81.7521, -8.8773,
39.9580

■ 21.3368, -3.9767,
14.9358

■ 94.1366, -9.7606,
43.4963

■ 14.0969, -3.2026,
9.8679

■ 107.0900,
-10.6644, 46.9147

■ 7.7462, -3.1091,
5.4224

■ 120.5885,
-11.5885, 50.2308

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 134.6108,

-12.5329, 53.4590

0.0000, NaN, NaN

149.1380,
-13.4974, 56.6114

0.0000, NaN, NaN

48.3096, -6.3463,
28.3845

48.3096, -6.3463,
28.3845

47.6704, -5.7219,
28.8414

48.9903, -6.7760,
27.4175

47.1767, -5.1315,
28.9802

49.7124, -6.9859,
25.8930

50.4792, -6.9650,
23.7814

51.2922, -6.7049,
21.0650

52.1524, -6.2010,
17.7357

■ 53.0603, -5.4515,
13.7933

■ 54.0160, -4.4575,
9.2438

■ 55.0193, -3.2220,
4.0983

■ 56.0699, -1.7498,
-1.6278

Harmonies

Analogous

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



48.3108, 17.2293, 27.1421



48.3096, -6.3463, 28.3845



48.3108, -25.1468, 25.7528

Triad

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



48.3108, -6.3482, 28.3849



48.3108, -33.3440, -27.7502



48.3108, 43.6339, -18.3505

Complementary

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



48.3096, -6.3463, 28.3845



20.5824, 23.4540, -70.0235

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.



48.3108, 25.0809, -45.1388



48.3096, -6.3463, 28.3845



48.3108, -19.6366, -52.0964

Square

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



48.3108, -6.3482, 28.3849



48.3108, -38.7885, -1.1545



48.3108, 1.3067, -59.6037



48.3108, 48.9665, 6.1305

Rectangle

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



48.3096, -6.3463, 28.3845



48.3108, -33.3672, 20.8693



48.3108, 1.3067, -59.6037



48.3108, 38.5882, -27.6821

Sweetspot

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



48.3108, -6.3482, 28.3849



70.0595, -7.6271, 20.2467



27.3148, 40.1068, 12.0447



32.8015, -3.7385, 10.3106



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



48.3108, -6.3482, 28.3849



62.6843, -6.7880, 38.4017



50.0144, -26.2758, 29.1291



25.7088, -1.9580, 3.7218



43.0042, -4.7376, 26.4161



5.0660, -1.0050, 3.1041

Inverse Universe

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



20.5824, 23.4540, -70.0235



22.0129, 44.4392, -122.8102



20.7125, 36.3731, -69.1952



23.9888, -0.6061, -1.2193



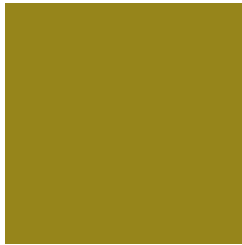
15.1425, 30.0721, -83.8438



2.3011, 1.4948, -6.1030

Previews

White Background



This preview shows how the HunterLab color 48.3096, -6.3463, 28.3845 looks on a white 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

Black Background



This preview shows how the HunterLab color 48.3096, -6.3463, 28.3845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

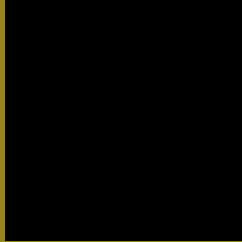
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 48.3096, -6.3463, 28.3845 Background



This preview shows how black text looks on a background with the HunterLab color 48.3096, -6.3463, 28.3845.



This preview shows how white text looks on a background with the HunterLab color 48.3096, -6.3463,

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

48.3096, -6.3463, 28.3845

Protanopia

48.3096, -6.3463, 28.3845

Deuteranopia

48.2039, 3.1994, 28.1646



Tritanopia

48.2461, 9.3437, 2.6228

Trichromacy



Original Color

48.3096, -6.3463, 28.3845

Protanomaly

48.3096, -6.3463, 28.3845

Deuteranomaly

48.3439, -0.4819, 28.2744

Tritanomaly

47.8089, 1.9692, 16.3614

Monochromacy



Original Color

48.3096, -6.3463, 28.3845

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

46.4646, -5.6813, 16.1890

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.3096, -6.3463, 28.3845 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(150, 133, 27)` looks like.

```
.text, #text, p{  
    color:rgb(150, 133, 27)  
}
```

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(150, 133, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 133, 27) }
```

Border

The CSS property to change the border of an element to HunterLab 48.3096, -6.3463, 28.3845 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(150, 133, 27) }
```


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

```
.border{ border-color:rgb(150, 133, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 133, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 133, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 133, 27);  
box-shadow:4px 4px 4px 4px rgb(150, 133,  
27) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.3096, -6.3463, 28.3845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 133, 27) }
```

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

```
.background{ background-color: rgb(150,  
133, 27) }
```

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