

Converting Colors

HunterLab(53.3755, -24.4389,
13.8380)

Have a look what the booklet for
HunterLab(53.3755, -24.4389,
13.8380) contains.

HunterLab(53.2829, -24.2902, 13.6805)	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(53.2829,
-24.2902, 13.6805)**

Conversions

Conversions Part 1

Format	Color
Hex	639E75
RGB	99, 158, 117
RGB Percent	39%, 62%, 46%
CMY	0.6118, 0.3804, 0.5412
CMYK	0.37, 0.00, 0.26, 0.38
HSL	138°, 23%, 50%
HSV	138°, 37%, 62%
XYZ	20.5833, 28.3907, 21.2247
YIQ	135.6850, -22.0030, -25.2590

Conversions

Conversions Part 2

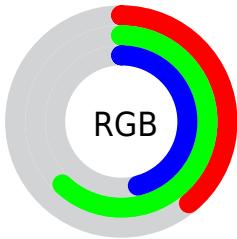
Format	Color
R_{YB}	99, 144, 158
Decimal	6528629
CIE _{Lab}	60.24, -28.36, 15.48
CIE _{LCh}	60, 32.315, 151.368
Yxy	28.3919, 0.2932, 0.4044
Android (android.graphics.Color)	4284718709 (0xFF639E75)
YUV	135.6850, -9.2117, -32.1727
Hunter-Lab	53.2829, -24.2902, 13.6805

Details

The HunterLab color $53.2829, -24.2902, 13.6805$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $42.5286, 23.3563, -7.9761$, and the grayscale version is $49.5362, -2.6431, 2.6914$.

A 20% lighter version of the original color is $75.5834, -28.5845, 16.6292$, and $33.7137, -19.5694, 10.5301$ is the 20% darker color. If you saturate the color by 10%, you get $52.2915, -28.6493, 16.2530$, and if you desaturate by 10%, it is $54.4465, -19.3309, 10.9795$.

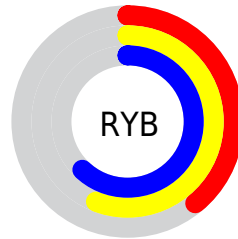
Distribution



Red (39%)

Green (62%)

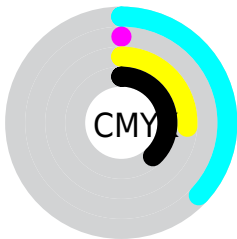
Blue (46%)



Red (39%)

Yellow (56%)

Blue (62%)

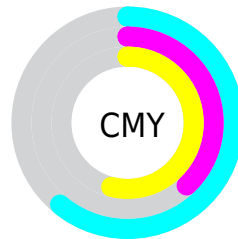


Cyan (37%)

Magenta (0%)

Yellow (26%)

Black (38%)



Cyan (61%)

Magenta (38%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.2829, -24.2902, 13.6805 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 53.2829, -24.2902, 13.6805 by changing the saturation by 10% instead.

■ 53.2829, -24.2902,
13.6805

■ 53.2829, -24.2902,
13.6805

171.5618,
-42.3772, 26.3370

■ 43.1524, -22.0274,
12.2132

■ 75.5708, -28.5779,
16.5368

■ 33.7593, -19.6467,
10.7000

■ 87.6500, -30.6367,
17.9423

■ 25.1684, -17.1025,
9.1175

■ 100.3119,
-32.6550, 19.3408

■ 17.4629, -14.3181,
7.4264

■ 113.5309,
-34.6411, 20.7361

■ 10.7594, -12.4383,
6.6947

127.2844,
-36.6017, 22.1312

■ 1.6338, -2.8591,
1.1437

141.5524,

0.0000, NaN, NaN

-38.5419, 23.5286

0.0000, NaN, NaN

156.3169,
-40.4660, 24.9300

0.0000, NaN, NaN

■ 53.2829, -24.2902,
13.6805

■ 53.2829, -24.2902,
13.6805

■ 52.2915, -28.6493,
16.2530

■ 54.4465, -19.3309,
10.9795

■ 51.4677, -32.3677,
18.6642

■ 55.7775, -13.8186,
8.1794

■ 50.8088, -35.4249,
20.8856

■ 57.2737, -7.8111,
5.3108

■ 50.3074, -37.8196,
22.8916

■ 58.9303, -1.3691,
2.4012

■ 49.9524, -39.5754,
24.6609

■ 60.7411, 5.4471,
-0.5250

■ 49.7212, -40.7720,
26.1727

■ 62.6993, 12.5795,
-3.4472

■ 49.6688, -41.0450,
26.5228

■ 64.7974, 19.9749,
-6.3485

■ 67.0278, 27.5854,
-9.2157

■ 69.3830, 35.3692,
-12.0389

Harmonies

Analogous

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



53.2840, -16.0292, 20.3329



53.2829, -24.2902, 13.6805



53.2840, -26.9718, 2.2913

Triad

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



53.2840, -24.2910, 13.6811



53.2840, -2.2079, -29.2049



53.2840, 21.8901, 14.4879

Complementary

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



53.2829, -24.2902, 13.6805



42.5286, 23.3563, -7.9761

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.



53.2840, 26.5217, 3.5024



53.2829, -24.2902, 13.6805



53.2840, 11.7584, -23.6256

Square

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



53.2840, -24.2910, 13.6811



53.2840, -15.0324, -24.5163



53.2840, 22.6396, -10.7444



53.2840, 10.5448, 20.7081

Rectangle

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



53.2829, -24.2902, 13.6805



53.2840, -25.4764, -7.1954



53.2840, 22.6396, -10.7444



53.2840, 24.3330, 11.3404

Sweetspot

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



53.2840, -24.2910, 13.6811



76.3730, -13.7349, 8.6621



55.6394, -16.0555, 21.4245



36.1412, -7.0098, 4.3453



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



53.2840, -24.2910, 13.6811



70.6473, -37.8001, 21.4072



54.0269, -19.9543, 3.0078



27.2630, -4.3020, 2.8045



44.4562, -36.6870, 23.6303



6.0034, -4.5397, 2.2961

Inverse Universe

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



42.5286, 23.3563, -7.9761



53.2616, 39.6226, -13.4871



41.6372, 18.9690, 4.6554



25.9231, 1.5809, 0.0956



25.9368, 47.9080, -10.2979



3.5695, 6.7662, -2.7574

Previews

White Background



This preview shows how the HunterLab color 53.2829, -24.2902, 13.6805 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 53.2829, -24.2902, 13.6805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

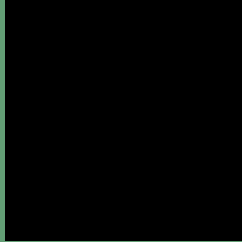
Any Text WCAG AA ✓ Pass

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 53.2829, -24.2902, 13.6805 Background



This preview shows how black text looks on a background with the HunterLab color 53.2829, -24.2902, 13.6805.



This preview shows how white text looks on a background with the HunterLab color 53.2829,

-24.2902, 13.6805.

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

53.2829, -24.2902, 13.6805

Protanopia

52.8812, -4.2092, 15.6500

Deuteranopia

52.9728, 3.7375, 12.4607



Tritanopia

53.2804, -12.0461, -6.4632

Trichromacy



Original Color

53.2829, -24.2902, 13.6805

Protanomaly

52.6835, -12.3724, 14.6648

Deuteranomaly

52.5972, -7.7981, 12.2432

Tritanomaly

53.1235, -16.8674, 1.6312

Monochromacy



Original Color

53.2829, -24.2902, 13.6805

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

50.7370, -11.0245, 6.8009

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.2829, -24.2902, 13.6805 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(99, 158, 117)` looks like.

```
.text, #text, p{  
    color:rgb(99, 158, 117)  
}
```

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(99, 158, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 158, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 53.2829, -24.2902, 13.6805 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(99, 158, 117) }
```


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

```
.border{ border-color:rgb(99, 158, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 158, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 158, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 158, 117);  
box-shadow:4px 4px 4px 4px rgb(99, 158,  
117) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.2829, -24.2902, 13.6805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 158, 117) }
```

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

```
.background{ background-color: rgb(99, 158,  
117) }
```

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