

Converting Colors

HunterLab(29.0202, -13.4020,
4.7693)

Have a look what the booklet for
HunterLab(29.0202, -13.4020,
4.7693) contains.

HunterLab(29.0202, -13.4023, 4.7695)	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(29.0202,
-13.4023, 4.7695)**

Conversions

Conversions Part 1

Format	Color
Hex	305A49
RGB	48, 90, 73
RGB Percent	19%, 35%, 29%
CMY	0.8118, 0.6471, 0.7137
CMYK	0.47, 0.00, 0.19, 0.65
HSL	156°, 30%, 27%
HSV	156°, 47%, 35%
XYZ	6.0777, 8.4217, 7.6085
YIQ	75.5040, -19.5750, -14.1910

Conversions

Conversions Part 2

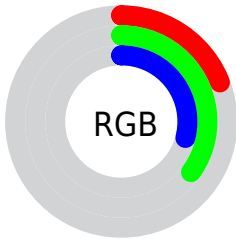
Format	Color
R_{YB}	48, 74, 90
Decimal	3168841
CIE _{Lab}	34.85, -19.22, 5.29
CIE _{LCh}	35, 19.938, 164.618
Yxy	8.4221, 0.2749, 0.3809
Android (android.graphics.Color)	4281358921 (0xFF305A49)
YUV	75.5040, -1.2345, -24.1210
Hunter-Lab	29.0202, -13.4023, 4.7695

Details

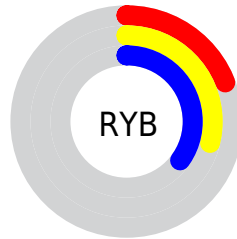
The HunterLab color **29.0202, -13.4023, 4.7695** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **21.6088, 13.6294, -0.1688**, and the grayscale version is **26.7156, -1.4255, 1.4515**.

A 20% lighter version of the original color is **47.6473, -16.6216, 6.1577**, and **13.7480, -9.4854, 3.2924** is the 20% darker color. If you saturate the color by 10%, you get **28.5974, -15.2262, 5.5611**, and if you desaturate by 10%, it is **29.5183, -11.3185, 4.0204**.

Distribution



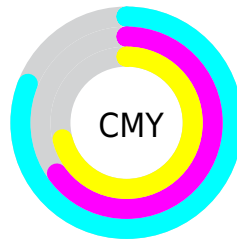
- Red (19%)
- Green (35%)
- Blue (29%)



- Red (19%)
- Yellow (29%)
- Blue (35%)



- Cyan (47%)
- Magenta (0%)
- Yellow (19%)
- Black (65%)



- Cyan (81%)
- Magenta (65%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.0202, -13.4023, 4.7695 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 29.0202, -13.4023, 4.7695 by changing the saturation by 10% instead.

■ 29.0202, -13.4023,
4.7695

■ 29.0202, -13.4023,
4.7695

■ 133.7931,
-28.0333, 12.8038

■ 20.8954, -11.5064,
3.9538

■ 47.7303, -16.8998,
6.4295

■ 13.7129, -9.4348,
3.1334

■ 58.1846, -18.5597,
7.2824

■ 7.3251, -11.8267,
3.3914

■ 69.3071, -20.1831,
8.1533

0.0000, NaN, NaN

■ 81.0600, -21.7803,
9.0435

0.0000, NaN, NaN

■ 93.4110, -23.3589,
9.9535

0.0000, NaN, NaN

■ 106.3325,

0.0000, NaN, NaN

-24.9246, 10.8835

0.0000, NaN, NaN

119.8003,
-26.4816, 11.8336

■ 29.0202, -13.4023,
4.7695

■ 29.0202, -13.4023,
4.7695

■ 28.5974, -15.2262,
5.5611

■ 29.5183, -11.3185,
4.0204

■ 28.2465, -16.7809,
6.3851

■ 30.0904, -8.9874,
3.3204

■ 27.9654, -18.0652,
7.2319

■ 30.7368, -6.4271,
2.6760

■ 27.7500, -19.0854,
8.0901

■ 31.4564, -3.6577,
2.0918

■ 27.5785, -19.9241,
8.9324

■ 32.2474, -0.7011,
1.5708

■ 27.5226, -20.1980,
9.2008

■ 33.1077, 2.4205,
1.1149

■ 34.0347, 5.6855,
0.7244

■ 35.0258, 9.0732,
0.3989

■ 36.0779, 12.5648,
0.1369

Harmonies

Analogous

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



29.0208, -10.3977, 9.2848



29.0202, -13.4023, 4.7695



29.0208, -13.4413, -1.8349

Triad

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



29.0208, -13.4027, 4.7698



29.0208, 1.9196, -13.7105



29.0208, 8.6473, 9.1999

Complementary

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



29.0202, -13.4023, 4.7695



21.6088, 13.6294, -0.1688

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.



29.0208, 12.6302, 4.6240



29.0202, -13.4023, 4.7695



29.0208, 8.5038, -9.0713

Square

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



29.0208, -13.4027, 4.7698



29.0208, -5.0290, -13.6448



29.0208, 12.5753, -2.0196



29.0208, 2.1009, 11.3992

Rectangle

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



29.0202, -13.4023, 4.7695



29.0208, -11.8010, -6.6606



29.0208, 12.5753, -2.0196



29.0208, 10.3567, 7.9435

Sweetspot

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



29.0208, -13.4027, 4.7698



40.8562, -7.7130, 3.3614



29.4398, -12.6960, 12.2866



20.0231, -4.0384, 1.7079



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



29.0208, -13.4027, 4.7698



37.7661, -20.3930, 7.4784



28.4650, -9.4766, -2.7743



16.1436, -2.2080, 1.1423



33.8544, -24.9730, 11.5946



79.1094, -59.1370, 28.7800

Inverse Universe

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



21.6088, 13.6294, -0.1688



26.0330, 22.8008, -0.0614



21.9063, 10.1955, 6.1084



15.3674, 0.5782, 0.5992



18.6476, 32.9254, 4.3696



43.4451, 76.3447, 13.0067

Previews

White Background



This preview shows how the HunterLab color 29.0202, -13.4023, 4.7695 looks on a white background.

Color Contrast Check

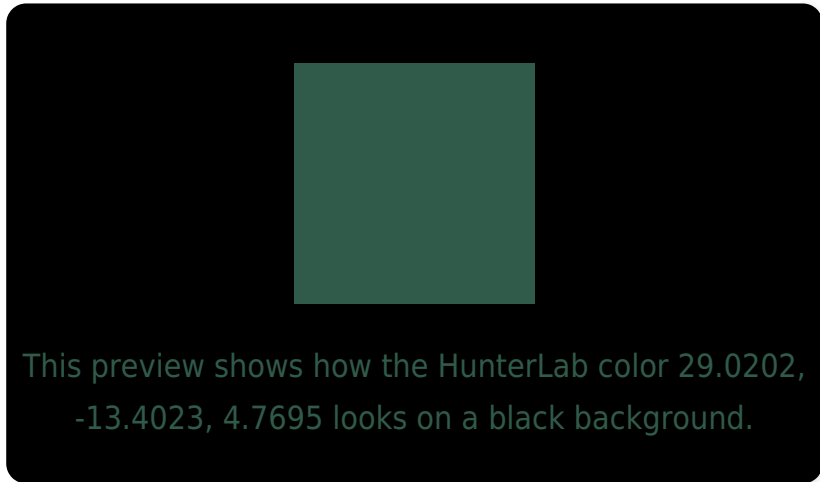
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

HunterLab 29.0202, -13.4023, 4.7695 Background



This preview shows how black text looks on a background with the HunterLab color 29.0202, -13.4023, 4.7695.



This preview shows how white text looks on a background with the HunterLab color 29.0202,

-13.4023, 4.7695.

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

29.0202, -13.4023, 4.7695

Protanopia

28.7975, -1.7108, 6.1231

Deuteranopia

28.9401, 1.6565, 4.2242



Tritanopia

28.9980, -7.9656, -3.9230

Trichromacy



Original Color

29.0202, -13.4023, 4.7695

Protanomaly

28.5667, -6.5750, 5.4614

Deuteranomaly

28.6661, -4.6485, 4.1829

Tritanomaly

28.9506, -10.0589, -0.3674

Monochromacy



Original Color

29.0202, -13.4023, 4.7695

Achromatopsia

26.8834, -1.4344, 1.4606

Achromatomaly

27.4793, -6.1311, 2.4628

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.0202, -13.4023, 4.7695 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(48, 90, 73)` looks like.

```
.text, #text, p{  
  color:rgb(48, 90, 73)  
}
```

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(48, 90, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 90, 73) }
```

Border

The CSS property to change the border of an element to HunterLab 29.0202, -13.4023, 4.7695 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(48, 90, 73) }
```


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

```
.border{ border-color:rgb(48, 90, 73) }
```

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

Here you see how a box with a 4 pixel rgb(48, 90, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 90, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 90, 73);  
box-shadow:4px 4px 4px 4px rgb(48, 90, 73)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.0202, -13.4023, 4.7695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 90, 73) }
```

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

```
.background{ background-color: rgb(48, 90,  
73) }
```

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](#).

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