

Converting Colors

HunterLab(28.9771, -2.4689,
-20.5813)

Have a look what the booklet for
HunterLab(28.9771, -2.4689,
-20.5813) contains.

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Color

**HunterLab(29.0904, -2.6645,
-20.3135)**

Conversions

Conversions Part 1

Format	Color
Hex	2C557B
RGB	44, 85, 123
RGB Percent	17%, 33%, 48%
CMY	0.8274, 0.6667, 0.5176
CMYK	0.64, 0.31, 0.00, 0.52
HSL	209°, 47%, 33%
HSV	209°, 64%, 48%
XYZ	7.8623, 8.4625, 19.9579
YIQ	77.0730, -36.6340, 3.1260

Conversions

Conversions Part 2

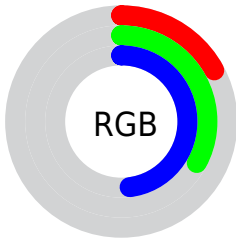
Format	Color
R_{YB}	44, 71, 123
Decimal	2905467
CIE _{Lab}	34.93, -1.66, -25.80
CIE _{LCh}	35, 25.855, 266.321
Yxy	8.4628, 0.2167, 0.2332
Android (android.graphics.Color)	4281095547 (0xFF2C557B)
YUV	77.0730, 22.6420, -29.0050
Hunter-Lab	29.0904, -2.6645, -20.3135

Details

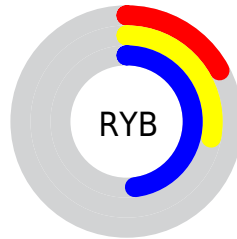
The HunterLab color $29.0904, -2.6645, -20.3135$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $32.2924, 7.8336, 15.6598$, and the grayscale version is $27.1998, -1.4513, 1.4778$.

A 20% lighter version of the original color is $47.7299, -3.5011, -21.6727$, and $14.1845, 0.2803, -18.3346$ is the 20% darker color. If you saturate the color by 10%, you get $27.0861, -1.5089, -24.3547$, and if you desaturate by 10%, it is $31.2214, -3.4270, -16.4073$.

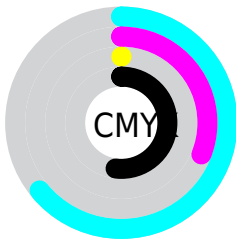
Distribution



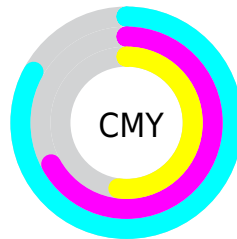
- Red (17%)
- Green (33%)
- Blue (48%)



- Red (17%)
- Yellow (28%)
- Blue (48%)



- Cyan (64%)
- Magenta (31%)
- Yellow (0%)
- Black (52%)



- Cyan (83%)
- Magenta (67%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.0904, -2.6645, -20.3135 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 29.0904, -2.6645, -20.3135 by changing the saturation by 10% instead.

■ 29.0904, -2.6645,
-20.3135

■ 29.0904, -2.6645,
-20.3135

■ 133.9098, -9.0086,
-23.2782

■ 20.9583, -2.1131,
-19.7882

■ 47.8130, -3.8672,
-21.3468

■ 13.7675, -1.5966,
-19.4011

■ 58.2730, -4.5163,
-21.7942

■ 7.3867, -1.3732,
-20.7216

■ 69.4008, -5.1957,
-22.1837

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 81.1587, -5.9040,
-22.5144

0.0000, NaN, NaN

■ 93.5145, -6.6405,
-22.7871

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.4406, -7.4039,

-23.0038

0.0000, NaN, NaN

119.9128, -8.1936,
-23.1667

■ 29.0904, -2.6645,
-20.3135

■ 29.0904, -2.6645,
-20.3135

■ 27.0861, -1.5089,
-24.3547

■ 31.2214, -3.4270,
-16.4073

■ 25.2186, 0.0721,
-28.5154

■ 33.4659, -3.8362,
-12.6447

■ 23.4950, 2.0840,
-32.7743

■ 35.8137, -3.9319,
-9.0233

■ 22.5347, 3.3319,
-35.3592

■ 38.2550, -3.7521,
-5.5361

■ 40.7809, -3.3310,
-2.1733

■ 43.3840, -2.6987,
1.0764

■ 46.0575, -1.8815,
4.2247

■ 48.7956, -0.9016,
7.2826

■ 51.5931, 0.2217,
10.2607

Harmonies

Analogous

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



29.0909, -10.6066, -15.8804



29.0904, -2.6645, -20.3135



29.0909, 6.5896, -17.5556

Triad

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



29.0909, -2.6643, -20.3129



29.0909, 15.7856, 8.0207



29.0909, -14.6901, 9.3626

Complementary

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



29.0904, -2.6645, -20.3135



32.2924, 7.8336, 15.6598

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.



29.0909, -8.8895, 12.8738



29.0904, -2.6645, -20.3135



29.0909, 8.7623, 12.2822

Square

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



29.0909, -2.6643, -20.3129



29.0909, 17.9752, 0.4988



29.0909, -0.4263, 13.7506



29.0909, -16.9916, 2.6280

Rectangle

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



29.0904, -2.6645, -20.3135



29.0909, 12.1635, -12.3612



29.0909, -0.4263, 13.7506



29.0909, -13.1223, 10.8686

Sweetspot

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



29.0909, -2.6643, -20.3129



52.7868, -4.7905, -5.2476



39.1072, -24.6095, 11.9037



25.2258, -2.3855, -3.0729



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



29.0909, -2.6643, -20.3129



35.0558, -1.1044, -35.1724



19.9244, 15.4468, -43.2150



20.5075, -1.4751, -0.2351



22.8960, 3.4337, -36.0303



48.2632, 10.8134, -83.6677

Inverse Universe

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



25.8236, 28.8326, -3.3157



31.3101, 45.7945, -3.2909



42.3253, -9.1904, 22.5812



20.1160, 0.9748, 0.5131



21.7625, 39.0145, 0.5320



47.3483, 84.5471, 3.7611

Previews

White Background



This preview shows how the HunterLab color 29.0904, -2.6645, -20.3135 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



This preview shows how the HunterLab color 29.0904, -2.6645, -20.3135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

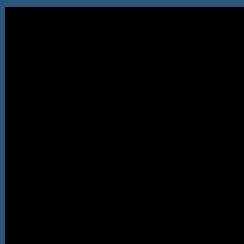
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

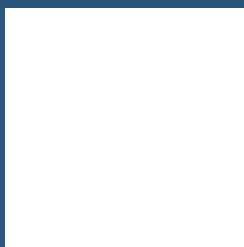
Any Text WCAG AAA × Fail

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

HunterLab 29.0904, -2.6645, -20.3135 Background



This preview shows how black text looks on a background with the HunterLab color 29.0904, -2.6645, -20.3135.

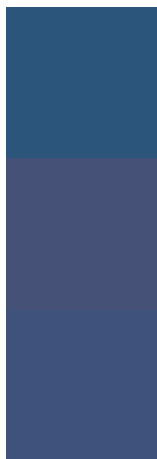


This preview shows how white text looks on a background with the HunterLab color 29.0904, -2.6645, -20.3135.

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

29.0904, -2.6645, -20.3135

Protanopia

29.1238, 2.5177, -17.5401

Deuteranopia

29.1787, 1.8045, -20.7357



Tritanopia

29.0713, -11.8899, -5.3594

Trichromacy



Original Color

29.0904, -2.6645, -20.3135

Protanomaly

28.8986, 0.5150, -18.6402

Deuteranomaly

29.0757, 0.1147, -20.9659

Tritanomaly

28.9437, -8.8112, -10.2514

Monochromacy



Original Color

29.0904, -2.6645, -20.3135

Achromatopsia

27.2422, -1.4536, 1.4801

Achromatomaly

27.6935, -2.8998, -5.6580

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.0904, -2.6645, -20.3135 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(44, 85, 123)` looks like.

```
.text, #text, p{  
    color:rgb(44, 85, 123)  
}
```

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(44, 85, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 85, 123) }
```

Border

The CSS property to change the border of an element to HunterLab 29.0904, -2.6645, -20.3135 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(44, 85, 123) }
```


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

```
.border{ border-color:rgb(44, 85, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 85, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 85, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 85, 123);  
box-shadow:4px 4px 4px 4px rgb(44, 85,  
123) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.0904, -2.6645, -20.3135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 85, 123) }
```

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

```
.background{ background-color: rgb(44, 85,  
123) }
```

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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