

Converting Colors

HunterLab(27.7415, -15.0723,
-23.7303)

Have a look what the booklet for
HunterLab(27.7415, -15.0723,
-23.7303) contains.

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Color

**HunterLab(29.6101, -7.8453,
-20.0743)**

Conversions

Conversions Part 1

Format	Color
Hex	005A7C
RGB	0, 90, 124
RGB Percent	0%, 35%, 49%
CMY	0.9999, 0.6471, 0.5137
CMYK	1.00, 0.27, 0.00, 0.51
HSL	196°, 100%, 24%
HSV	196°, 100%, 49%
XYZ	7.2943, 8.7676, 20.3767
YIQ	66.9660, -64.5540, -8.5060

Conversions

Conversions Part 2

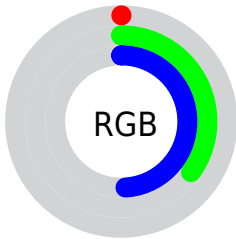
Format	Color
RYB	0, 52, 124
Decimal	23164
CIELab	35.53, -9.64, -25.55
CIELCh	36, 27.308, 249.319
Yxy	8.7679, 0.2002, 0.2406
Android (android.graphics.Color)	4278213244 (0xFF005A7C)
YUV	66.9660, 28.1178, -58.7292
Hunter-Lab	29.6101, -7.8453, -20.0743

Details

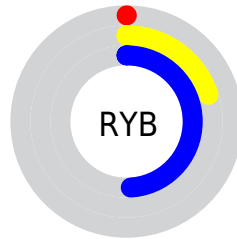
The HunterLab color **29.6101, -7.8453, -20.0743** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **23.3025, 27.2793, 14.8353**, and the grayscale version is **23.6021, -1.2594, 1.2823**.

A 20% lighter version of the original color is **48.4427, -9.9948, -21.2337**, and **15.4427, -1.4983, -16.0676** is the 20% darker color. If you saturate the color by 10%, you get **29.6092, -7.8439, -20.0763**, and if you desaturate by 10%, it is **30.7178, -8.7484, -18.0311**.

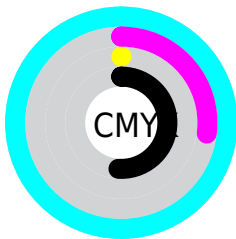
Distribution



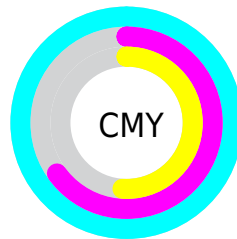
- Red (0%)
- Green (35%)
- Blue (49%)



- Red (0%)
- Yellow (20%)
- Blue (49%)



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (65%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.6101, -7.8453, -20.0743 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 29.6101, -7.8453, -20.0743 by changing the saturation by 10% instead.

■ 29.6101, -7.8453,
-20.0743

■ 29.6101, -7.8453,
-20.0743

■ 134.7726,
-17.8719, -22.9521

■ 21.4245, -6.7079,
-19.5469

■ 48.4258, -10.0572,
-21.0940

■ 14.1733, -5.5210,
-19.1382

■ 58.9274, -11.1541,
-21.5315

■ 7.8268, -5.7873,
-19.9046

■ 70.0943, -12.2531,
-21.9106

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 81.8892, -13.3576,
-22.2305

0.0000, NaN, NaN

■ 94.2803, -14.4702,
-22.4925

0.0000, NaN, NaN

■ 107.2400,

0.0000, NaN, NaN

-15.5926, -22.6985

0.0000, NaN, NaN

120.7445,
-16.7262, -22.8509

29.6101, -7.8453,
-20.0743

29.6101, -7.8453,
-20.0743

29.6092, -7.8439,
-20.0763

30.7178, -8.7484,
-18.0311

31.8942, -9.4138,
-15.9602

33.1749, -9.7094,
-13.8077

34.5607, -9.6334,
-11.5859

36.0498, -9.1967,
-9.3094

■ 37.6388, -8.4185,
-6.9928

■ 39.3231, -7.3228,
-4.6491

■ 41.0978, -5.9358,
-2.2897

■ 42.9577, -4.2839,
0.0764

Harmonies

Analogous

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



29.6106, -14.5954, -11.8725



29.6101, -7.8453, -20.0743



29.6106, 1.4789, -21.5892

Triad

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



29.6106, -7.8450, -20.0737



29.6106, 19.0099, 4.3262



29.6106, -12.4309, 12.2621

Complementary

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



29.6101, -7.8453, -20.0743



23.3025, 27.2793, 14.8353

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.



29.6106, -4.5225, 14.2628



29.6101, -7.8453, -20.0743



29.6106, 14.1589, 10.7461

Square

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



29.6106, -7.8450, -20.0737



29.6106, 17.8229, -5.3129



29.6106, 5.2501, 13.8144



29.6106, -16.9985, 7.1852

Rectangle

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



29.6101, -7.8453, -20.0743



29.6106, 8.0484, -18.2419



29.6106, 5.2501, 13.8144



29.6106, -10.1191, 13.2291

Sweetspot

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



29.6106, -7.8450, -20.0737



51.9983, -9.8328, -6.3933



38.1127, -31.6483, 20.6836



24.8518, -5.0349, -3.6293



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.



29.6106, -7.8450, -20.0737



38.9738, -9.9624, -27.2079



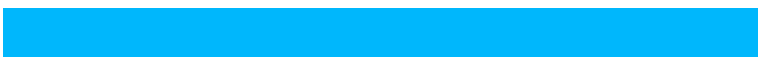
15.2689, 20.9336, -64.2707



20.8216, -1.9875, 0.1434



29.8462, -7.8977, -20.2563



64.0435, -15.5802, -46.4158

Inverse Universe

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



22.4135, 41.6735, -11.0474



29.6911, 55.1406, -14.0981



35.3303, 0.8759, 21.7850



20.1486, 1.1496, 0.0501



22.5968, 42.0162, -11.1239



49.2014, 91.2263, -22.2177

Previews

White Background



This preview shows how the HunterLab color 29.6101, -7.8453, -20.0743 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 29.6101, -7.8453, -20.0743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

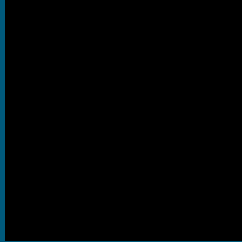
Any Text WCAG AA × Fail

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 29.6101, -7.8453, -20.0743 Background



This preview shows how black text looks on a background with the HunterLab color 29.6101, -7.8453, -20.0743.

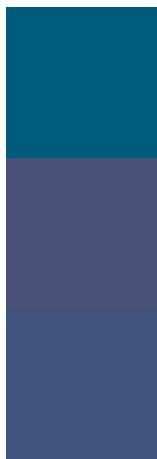


This preview shows how white text looks on a background with the HunterLab color 29.6101, -7.8453, -20.0743.

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

29.6101, -7.8453, -20.0743

Protanopia

29.5957, 2.6999, -16.0522

Deuteranopia

29.6359, 2.1855, -21.1897



Tritanopia

29.5784, -14.2582, -6.1911

Trichromacy



Original Color

29.6101, -7.8453, -20.0743

Protanomaly

29.0412, -3.0926, -18.4366

Deuteranomaly

29.3388, -3.0115, -21.1833

Tritanomaly

29.5946, -12.0583, -10.9603

Monochromacy



Original Color

29.6101, -7.8453, -20.0743

Achromatopsia

23.6915, -1.2641, 1.2872

Achromatomaly

25.0007, -6.0973, -6.5967

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.6101, -7.8453, -20.0743 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(0, 90, 124)` looks like.

```
.text, #text, p{  
    color:rgb(0, 90, 124)  
}
```

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(0, 90, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 90, 124) }
```

Border

The CSS property to change the border of an element to HunterLab 29.6101, -7.8453, -20.0743 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(0, 90, 124) }
```


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

```
.border{ border-color:rgb(0, 90, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 90, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 90, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 90, 124);  
box-shadow:4px 4px 4px 4px rgb(0, 90, 124)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.6101, -7.8453, -20.0743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 90, 124) }
```

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

```
.background{ background-color: rgb(0, 90,  
124) }
```

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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